

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121835.D
 Acq On : 6 Oct 2020 00:29
 Operator : JU/CG
 Sample : L4247-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.004	663	666	673	rBV3	39439	49015	5.33%	0.252%
2	6.292	712	715	718	rBV	69738	68810	7.48%	0.354%
3	6.351	722	725	732	rVB3	45274	50192	5.45%	0.259%
4	6.598	763	767	774	rBV	245621	222956	24.23%	1.149%
5	6.763	790	795	802	rVV	736876	693029	75.31%	3.570%
6	6.910	817	820	824	rBV2	60966	59358	6.45%	0.306%
7	7.039	839	842	845	rVB2	107385	101681	11.05%	0.524%
8	7.069	845	847	851	rBV2	69823	89277	9.70%	0.460%
9	7.104	851	853	857	rVB	89197	70318	7.64%	0.362%
10	7.151	858	861	865	rBV2	129293	126418	13.74%	0.651%
11	7.298	880	886	889	rBV2	87228	105417	11.45%	0.543%
12	7.328	889	891	894	rVV2	41191	53241	5.79%	0.274%
13	7.363	894	897	900	rVB	491901	362796	39.42%	1.869%
14	7.410	900	905	908	rVB4	73505	109315	11.88%	0.563%
15	7.451	908	912	913	rBV3	44687	53599	5.82%	0.276%
16	7.475	913	916	921	rVB2	49684	52836	5.74%	0.272%
17	7.569	929	932	935	rVB2	94042	102025	11.09%	0.526%
18	7.686	950	952	956	rVB4	53399	67885	7.38%	0.350%
19	7.734	956	960	962	rVB3	110897	123388	13.41%	0.636%
20	7.763	962	965	967	rBV2	112292	97466	10.59%	0.502%
21	7.798	967	971	976	rVB4	134421	203678	22.13%	1.049%
22	7.839	976	978	980	rBV	81915	71648	7.79%	0.369%
23	7.916	988	991	995	rBV2	46087	53200	5.78%	0.274%
24	8.004	1000	1006	1008	rBV4	48691	92832	10.09%	0.478%
25	8.034	1008	1011	1012	rVV	653139	689432	74.91%	3.552%
26	8.045	1012	1013	1016	rVV	932680	639155	69.45%	3.293%
27	8.110	1019	1024	1026	rVB2	234815	245028	26.63%	1.262%
28	8.133	1026	1028	1031	rBV2	65470	68055	7.39%	0.351%
29	8.204	1036	1040	1041	rBV2	48479	52078	5.66%	0.268%
30	8.245	1045	1047	1050	rVB2	96235	94333	10.25%	0.486%
31	8.339	1058	1063	1070	rVV6	146647	265996	28.90%	1.370%
32	8.392	1070	1072	1075	rVV3	109853	95561	10.38%	0.492%
33	8.428	1075	1078	1081	rVB3	158240	156784	17.04%	0.808%
34	8.469	1081	1085	1087	rBV	317729	259006	28.14%	1.334%

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35	8.486	1087	1088	1090	rVV2	78418	51851	5.63%	0.267%
36	8.510	1090	1092	1095	rVB2	64907	55097	5.99%	0.284%
37	8.551	1096	1099	1102	rBV2	135555	113417	12.32%	0.584%
38	8.586	1102	1105	1107	rVV3	51478	54100	5.88%	0.279%
39	8.639	1110	1114	1118	rVV	835092	684266	74.35%	3.525%
40	8.681	1118	1121	1122	rVV2	58695	76561	8.32%	0.394%
41	8.704	1122	1125	1127	rVV2	100637	125072	13.59%	0.644%
42	8.733	1127	1130	1133	rVV3	111117	128275	13.94%	0.661%
43	8.763	1133	1135	1137	rVV2	72969	56783	6.17%	0.293%
44	8.869	1149	1153	1155	rVB3	101419	104376	11.34%	0.538%
45	8.922	1160	1162	1164	rBV	104697	93722	10.18%	0.483%
46	8.969	1168	1170	1172	rVB	76460	48969	5.32%	0.252%
47	9.004	1172	1176	1179	rVB2	150726	162575	17.67%	0.837%
48	9.045	1179	1183	1184	rBV	112901	94775	10.30%	0.488%
49	9.069	1184	1187	1193	rVB2	282626	235971	25.64%	1.216%
50	9.122	1193	1196	1200	rVB3	90759	81624	8.87%	0.420%
51	9.204	1206	1210	1215	rBV	911491	777525	84.49%	4.005%
52	9.245	1215	1217	1219	rVV3	63958	70511	7.66%	0.363%
53	9.269	1219	1221	1227	rVV4	91222	112018	12.17%	0.577%
54	9.316	1227	1229	1233	rVB4	51138	48053	5.22%	0.248%
55	9.392	1237	1242	1245	rVB3	102552	125358	13.62%	0.646%
56	9.457	1250	1253	1255	rVV	196061	194905	21.18%	1.004%
57	9.480	1255	1257	1260	rVV2	138479	134379	14.60%	0.692%
58	9.522	1260	1264	1266	rVV2	366888	401719	43.65%	2.069%
59	9.545	1266	1268	1271	rVV2	147089	129794	14.10%	0.669%
60	9.580	1271	1274	1277	rVB2	159971	124424	13.52%	0.641%
61	9.663	1285	1288	1293	rBV5	53503	101912	11.07%	0.525%
62	9.710	1293	1296	1297	rVV2	77258	79675	8.66%	0.410%
63	9.733	1297	1300	1304	rVV	814569	682493	74.16%	3.516%
64	9.775	1304	1307	1308	rVV3	92054	108805	11.82%	0.561%
65	9.798	1308	1311	1316	rVV	980177	887069	96.39%	4.570%
66	9.839	1316	1318	1320	rVV2	51939	53281	5.79%	0.274%
67	9.863	1320	1322	1326	rVB4	52558	65568	7.12%	0.338%
68	9.904	1326	1329	1333	rVB	80259	91936	9.99%	0.474%
69	9.963	1334	1339	1342	rBV3	103206	175694	19.09%	0.905%
70	9.992	1342	1344	1347	rVV2	114176	140635	15.28%	0.724%
71	10.022	1347	1349	1351	rVV	66904	55687	6.05%	0.287%

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72	10.051	1351	1354	1358	rVV4	169365	220483	23.96%	1.136%
73	10.086	1358	1360	1363	rVB	72970	62083	6.75%	0.320%
74	10.116	1363	1365	1368	rBV2	77663	84353	9.17%	0.435%
75	10.204	1378	1380	1382	rBV2	50469	56970	6.19%	0.293%
76	10.233	1382	1385	1387	rVV	645275	566132	61.52%	2.916%
77	10.286	1392	1394	1399	rVB5	57887	84683	9.20%	0.436%
78	10.339	1400	1403	1405	rBV3	45464	58356	6.34%	0.301%
79	10.451	1416	1422	1427	rVB	309011	376308	40.89%	1.939%
80	10.498	1428	1430	1434	rVB2	71139	72044	7.83%	0.371%
81	10.533	1434	1436	1439	rBV2	81060	77708	8.44%	0.400%
82	10.569	1439	1442	1444	rVB	103710	77955	8.47%	0.402%
83	10.704	1462	1465	1473	rVB2	666594	920287	100.00%	4.741%
84	10.892	1494	1497	1499	rBV2	71628	77393	8.41%	0.399%
85	10.927	1501	1503	1506	rVB2	72662	67221	7.30%	0.346%
86	11.151	1538	1541	1543	rBV	499474	374358	40.68%	1.928%
87	11.180	1543	1546	1552	rVB	289826	286355	31.12%	1.475%
88	11.286	1560	1564	1567	rBV	786925	741605	80.58%	3.820%
89	11.327	1569	1571	1576	rVB2	45891	65684	7.14%	0.338%
90	11.527	1602	1605	1610	rVB2	61219	63534	6.90%	0.327%
91	11.574	1610	1613	1617	rBV	403957	310935	33.79%	1.602%
92	11.739	1638	1641	1646	rBV2	36528	52718	5.73%	0.272%
93	11.980	1679	1682	1686	rBV	302186	240843	26.17%	1.241%
94	12.368	1745	1748	1751	rBV	235680	187797	20.41%	0.967%
95	12.739	1805	1811	1815	rBV3	146996	163453	17.76%	0.842%
96	12.863	1829	1832	1840	rVB	117230	134910	14.66%	0.695%
97	13.098	1869	1872	1875	rBV	87896	76144	8.27%	0.392%
98	13.439	1927	1930	1933	rBV	56516	51460	5.59%	0.265%
99	13.921	2008	2012	2018	rBV	868683	775204	84.24%	3.993%
100	15.362	2253	2257	2265	rVB	580606	710427	77.20%	3.660%

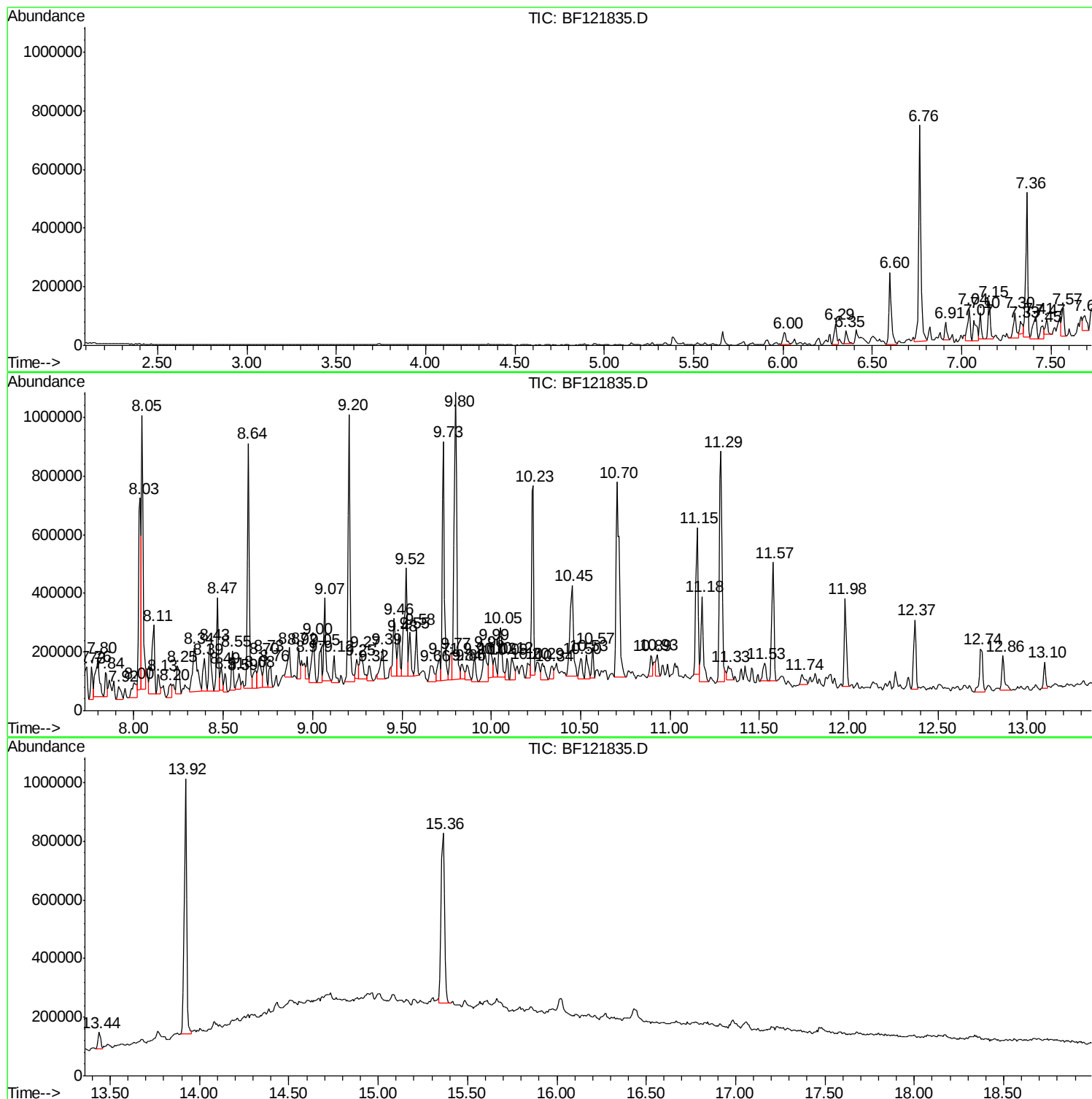
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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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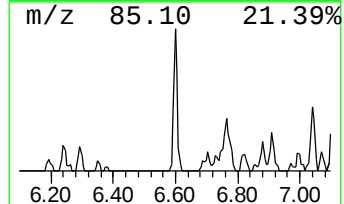
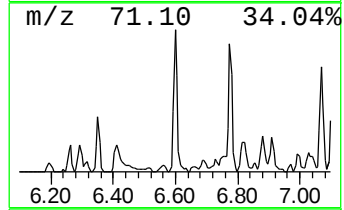
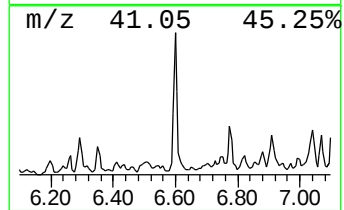
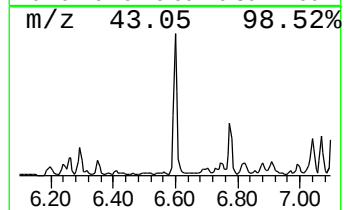
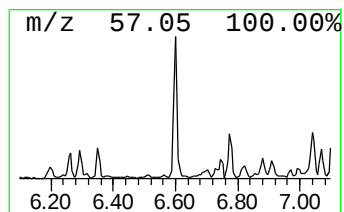
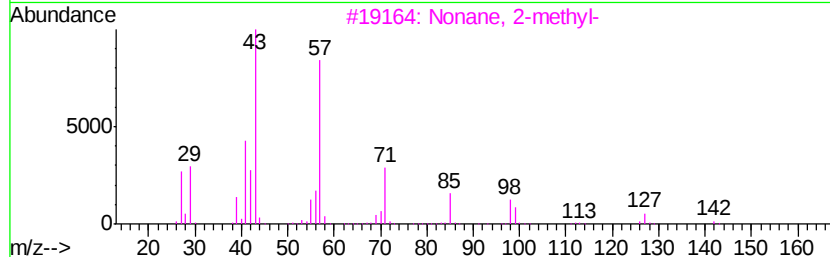
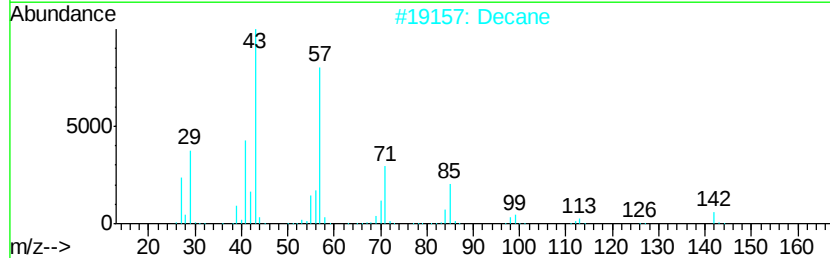
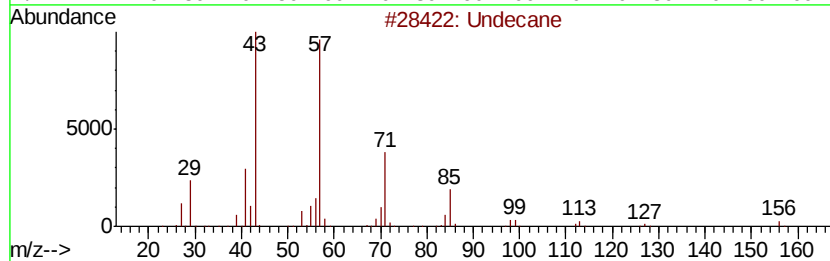
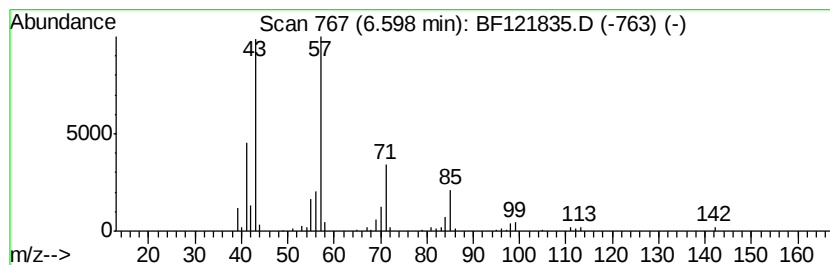
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Undecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	6.43 ng	222956	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	78
2		Decane	142	C10H22	000124-18-5	78
3		Nonane, 2-methyl-	142	C10H22	000871-83-0	72
4		Nonane	128	C9H20	000111-84-2	72
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58



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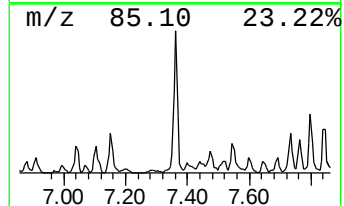
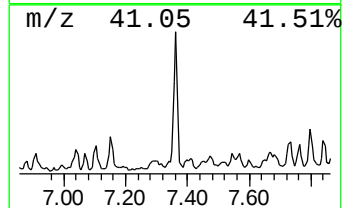
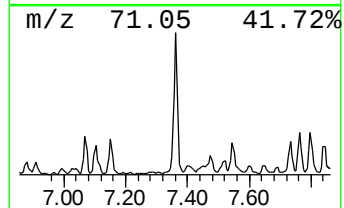
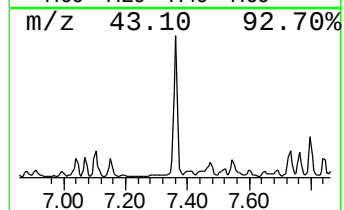
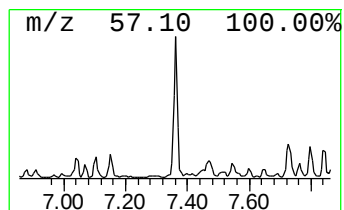
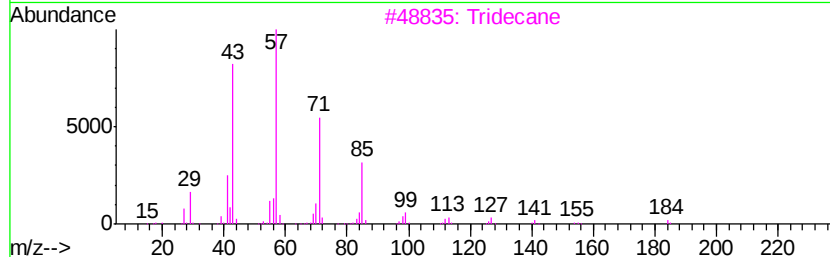
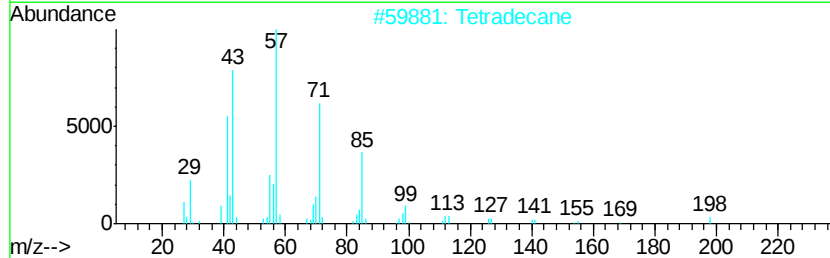
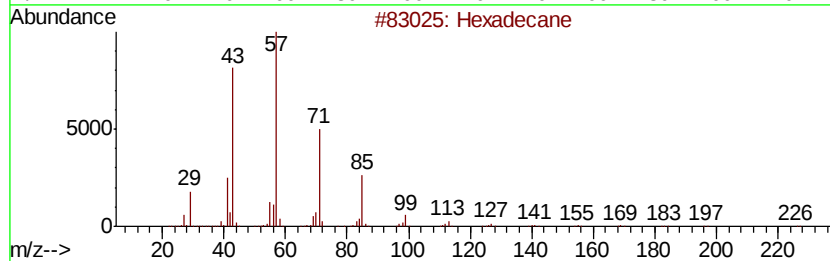
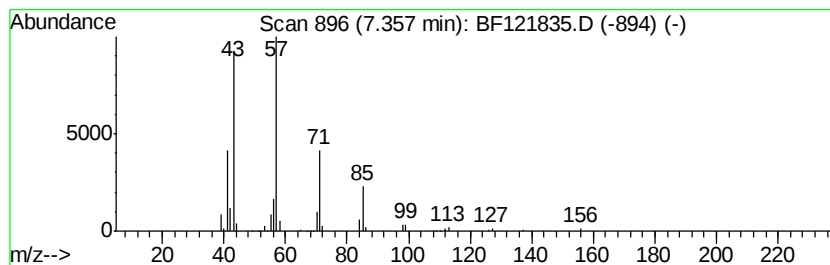
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Peak Number 2 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	10.47 ng	362796	1,4-Dichlorobenzene-d4	6.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tridecane		184	C13H28	000629-50-5	86
4	Undecane		156	C11H24	001120-21-4	83
5	Decane		142	C10H22	000124-18-5	83



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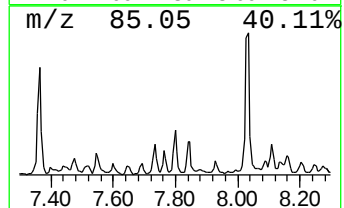
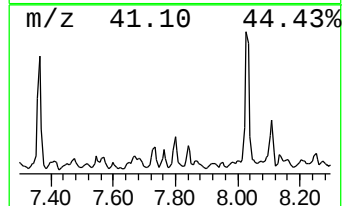
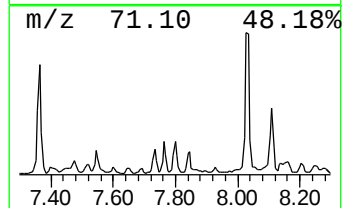
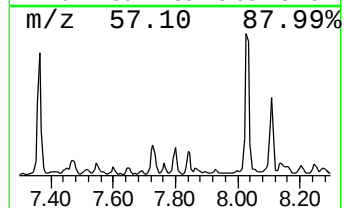
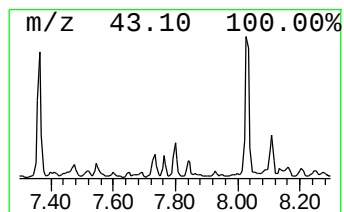
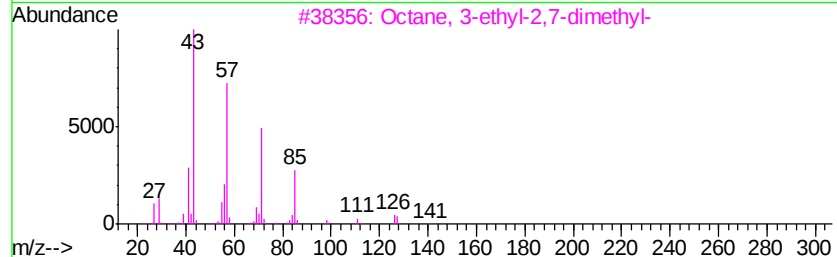
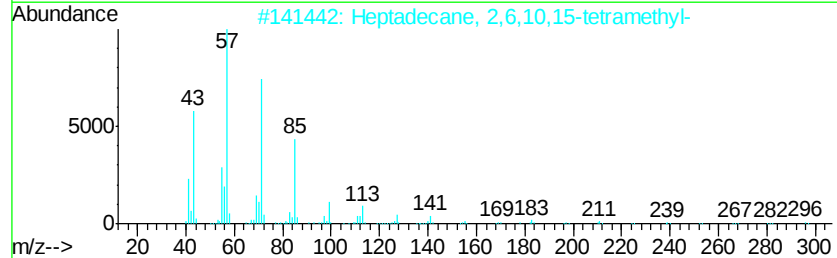
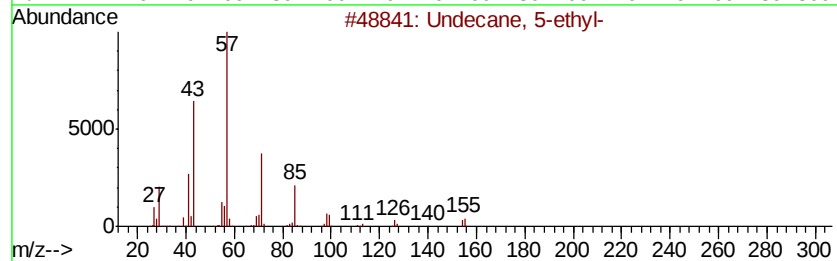
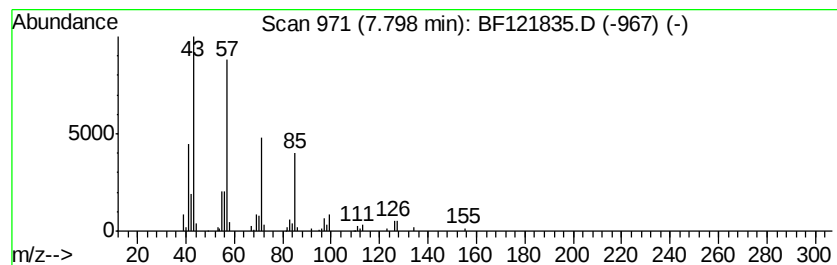
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 5-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	6.37 ng	203678	Naphthalene-d8	8.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59	
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53	
3	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	53	
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	53	
5	Hexadecane	226	C16H34	000544-76-3	52	



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Acq On : 6 Oct 2020 00:29
Operator : JU/CG
Sample : L4247-01 5X
Misc :
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ClientSampleId :
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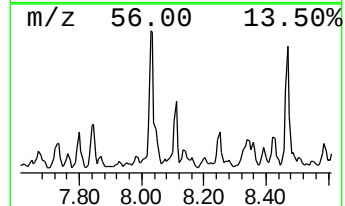
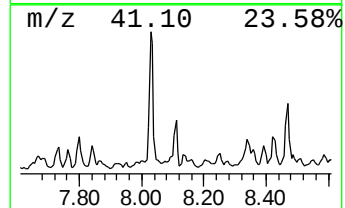
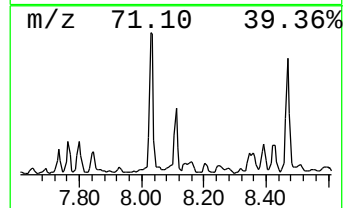
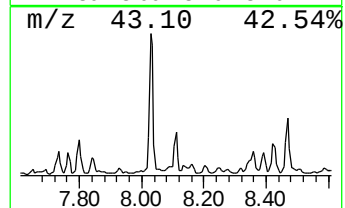
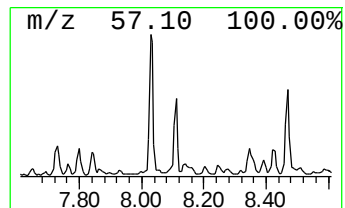
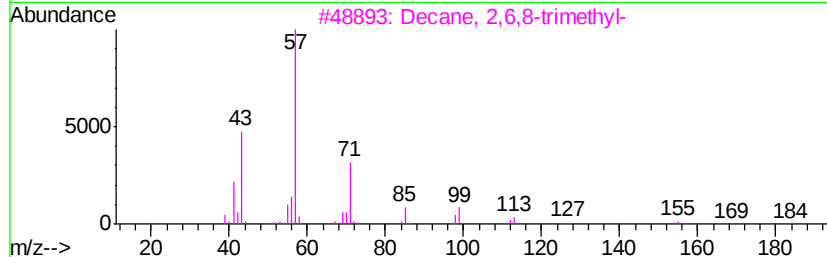
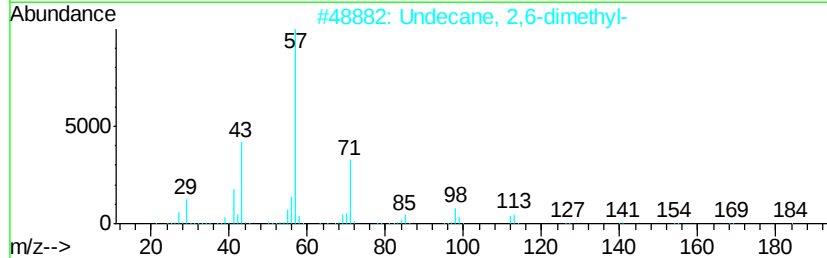
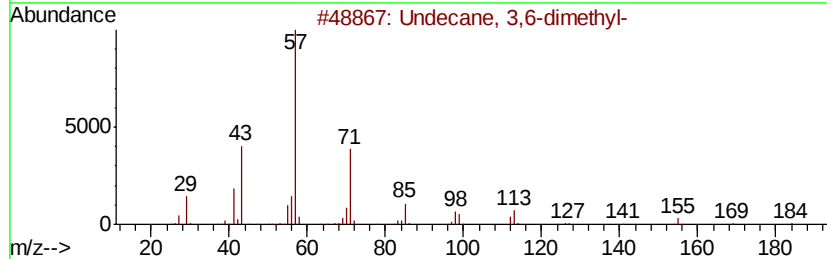
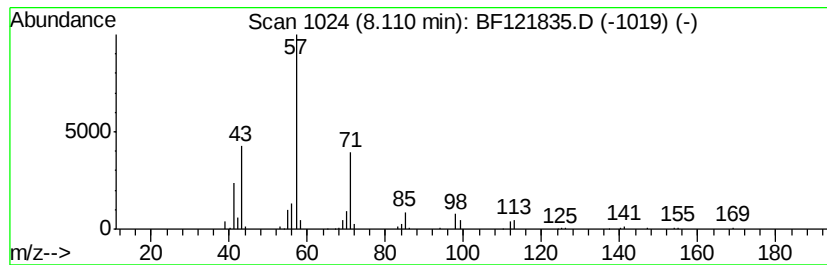
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	7.67 ng	245028	Napthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	78
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
5		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
Sample : L4247-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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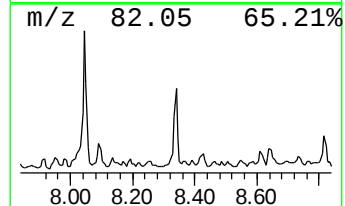
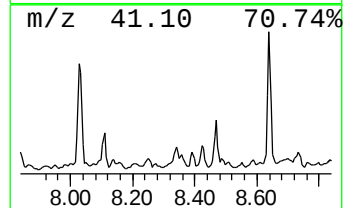
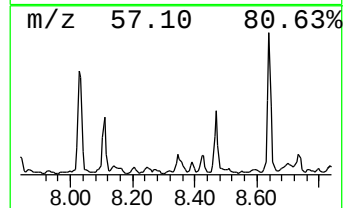
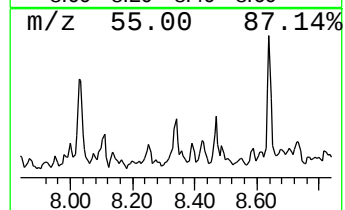
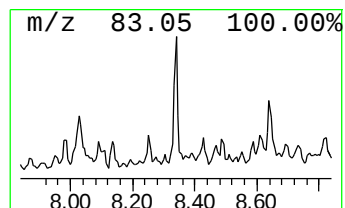
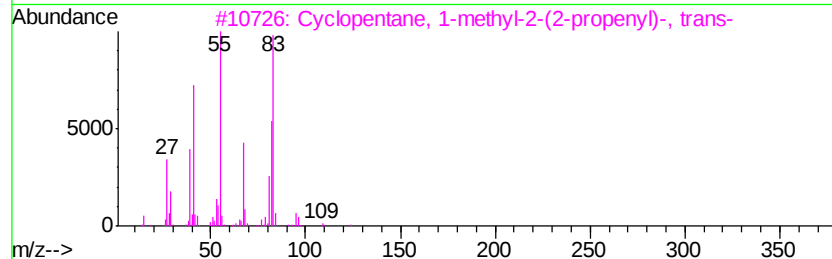
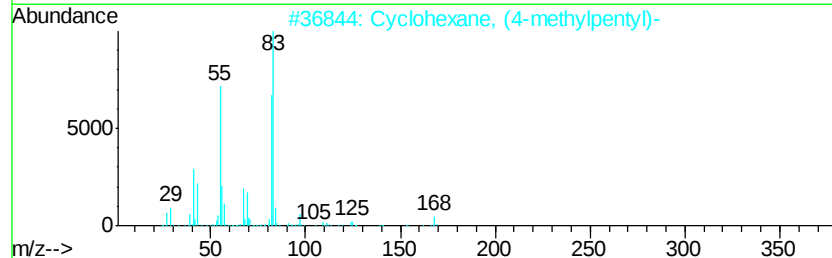
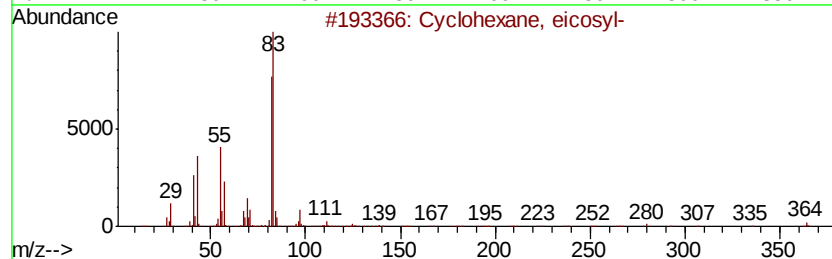
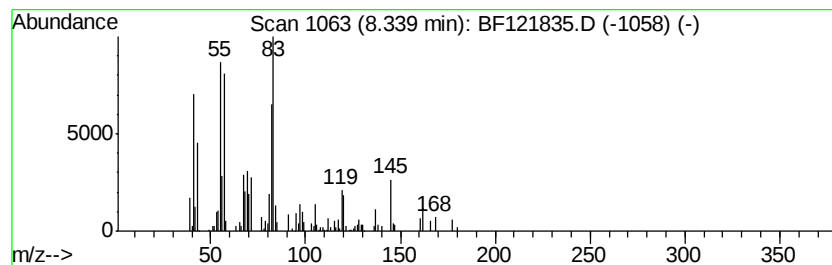
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown8.34 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	8.32 ng	265996	Naphthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	47
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
3		Cyclopentane, 1-methyl-2-(2-propenyl)-	124	C9H16	050746-53-7	43
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	43
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
Sample : L4247-01 5X
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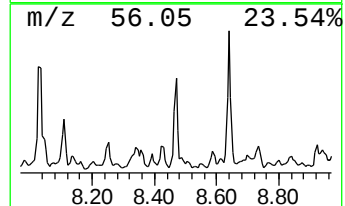
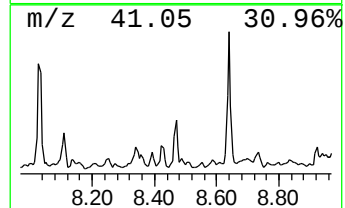
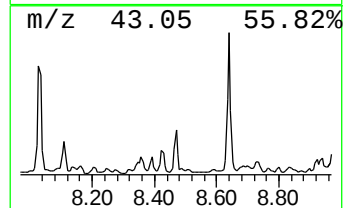
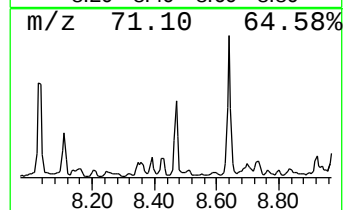
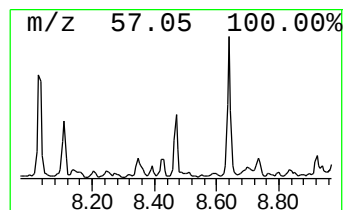
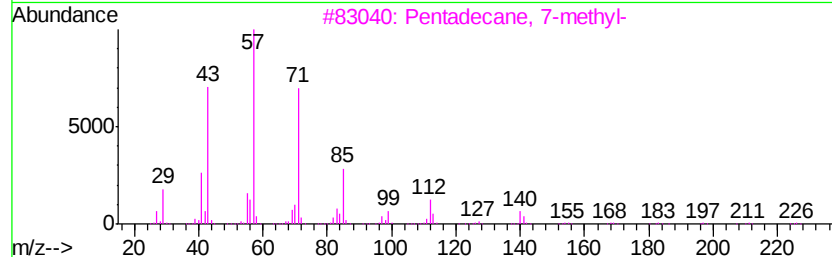
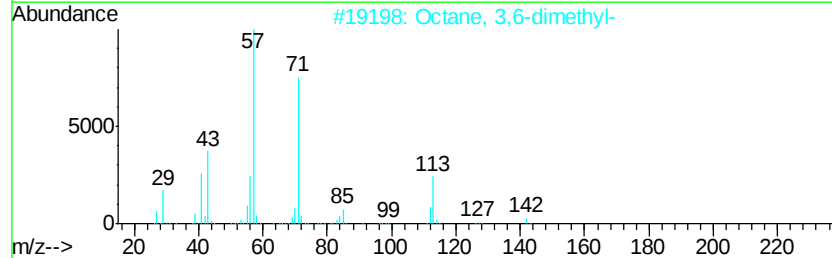
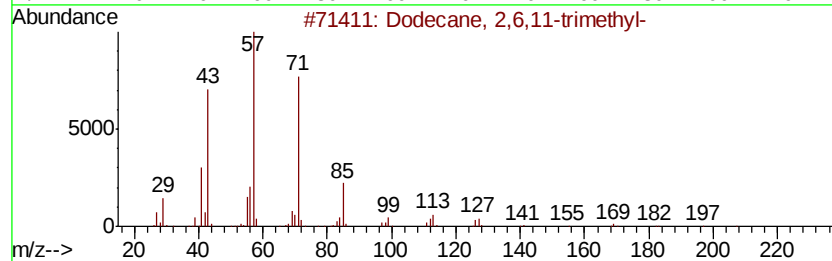
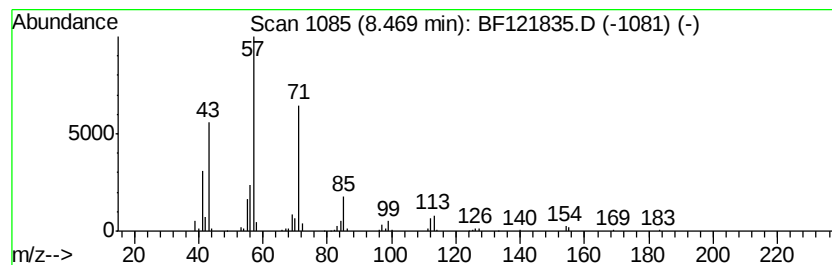
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.47	8.10 ng	259006	Naphthalene-d8	8.05	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
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Sample : L4247-01 5X
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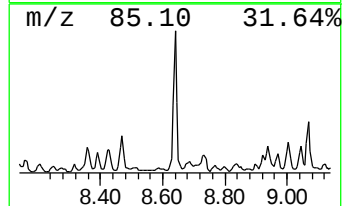
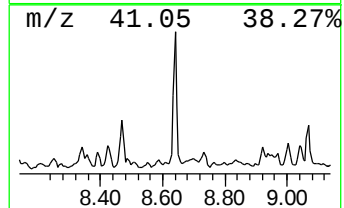
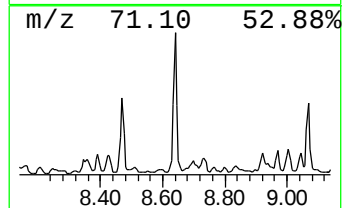
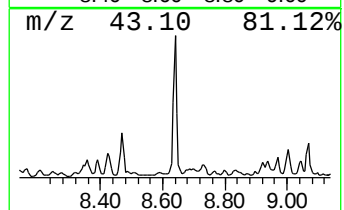
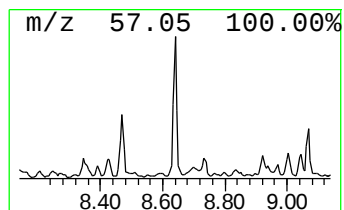
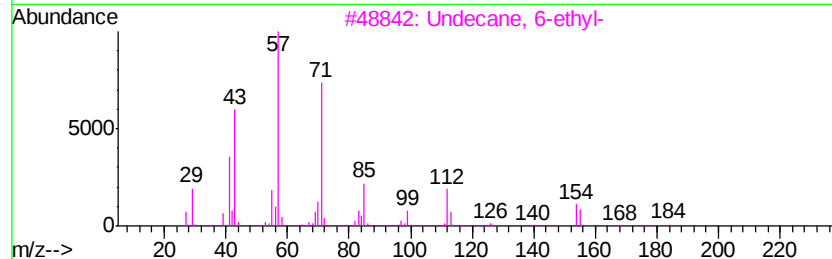
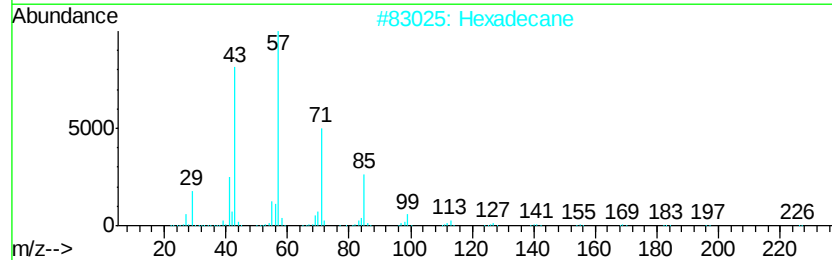
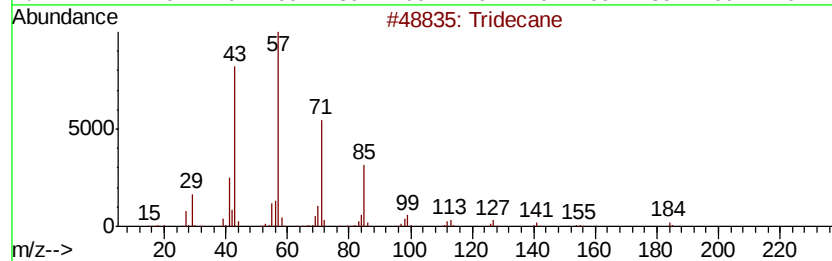
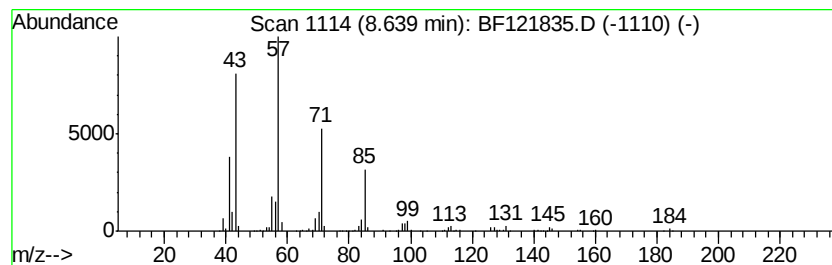
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.64	21.41 ng	684266	Naphthalene-d8	8.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
Sample : L4247-01 5X
Misc :
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ClientSampleId :
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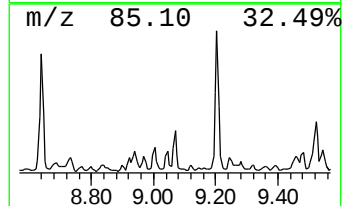
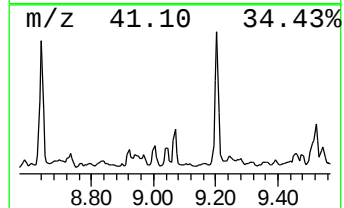
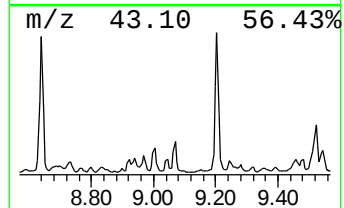
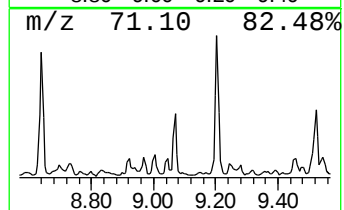
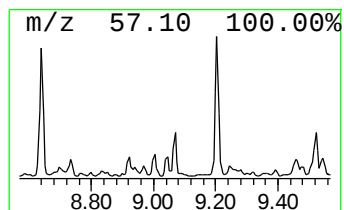
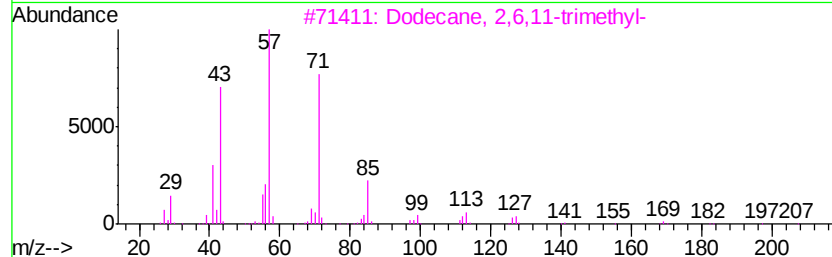
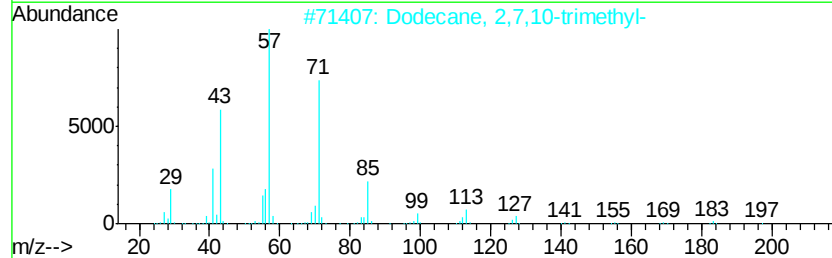
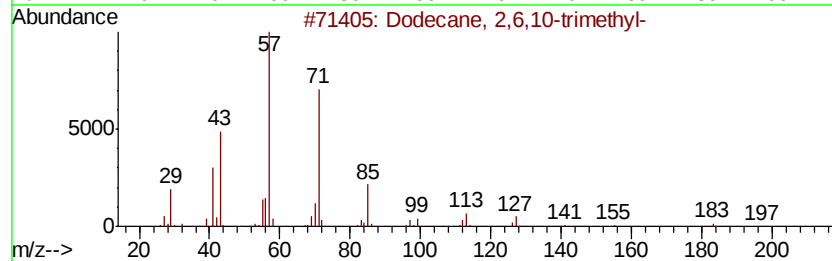
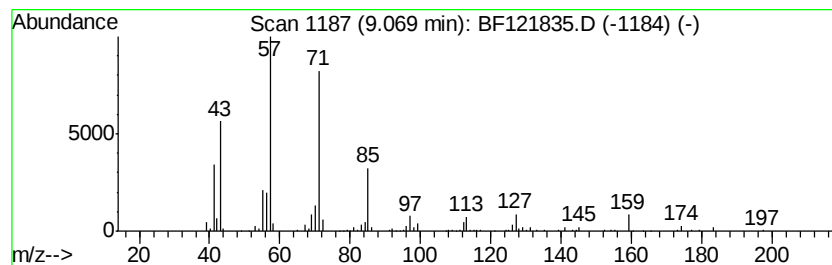
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	5.32 ng	235971	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
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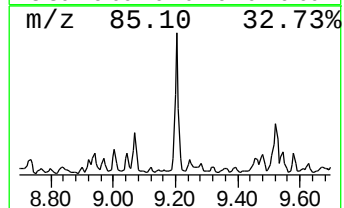
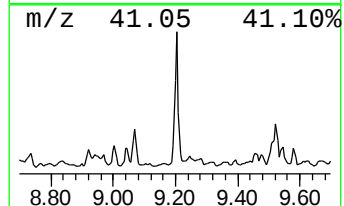
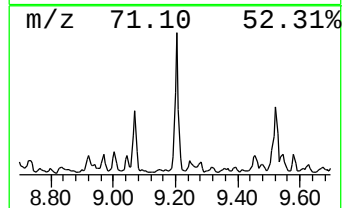
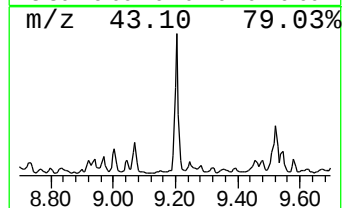
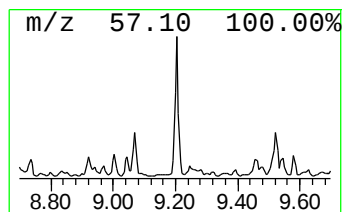
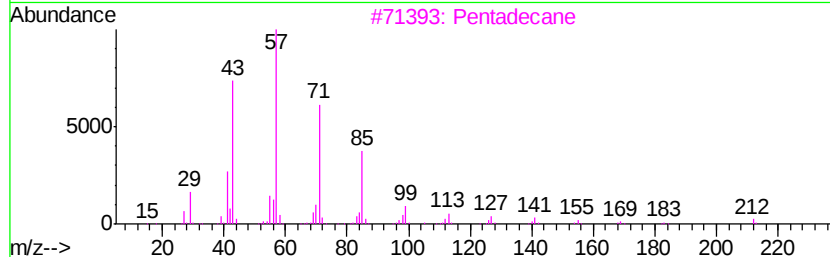
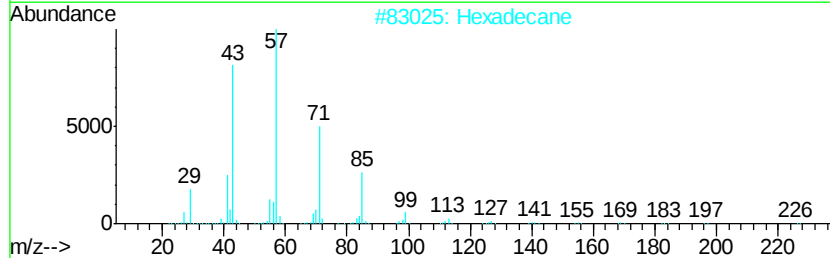
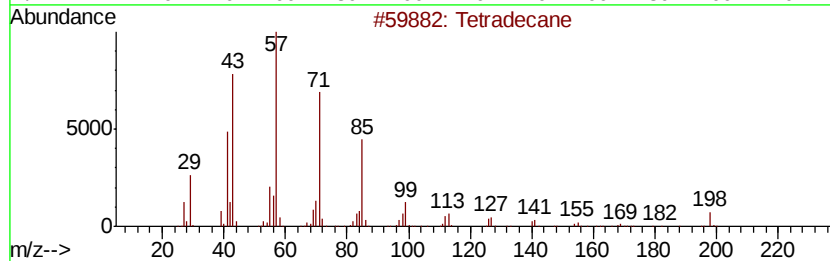
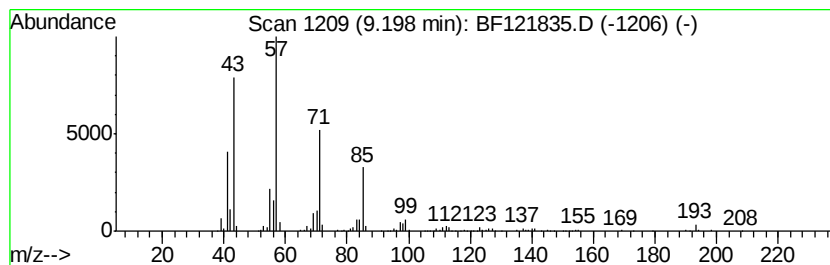
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	17.53 ng	777525	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tridecane	184	C13H28	000629-50-5	86
5		Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
Sample : L4247-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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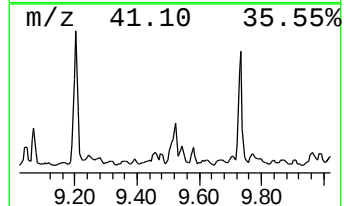
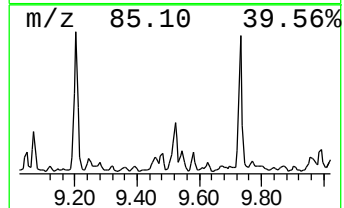
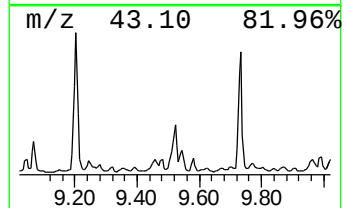
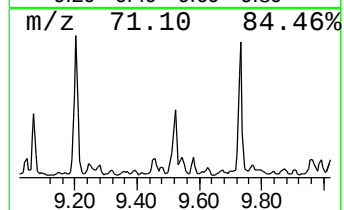
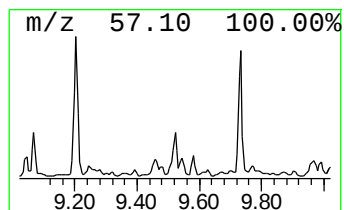
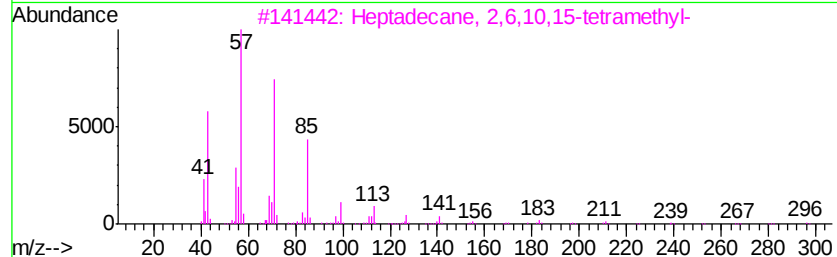
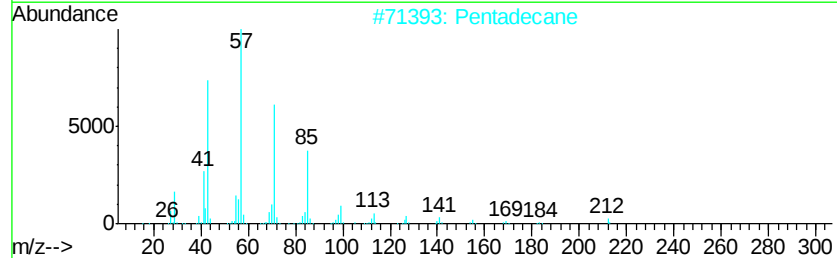
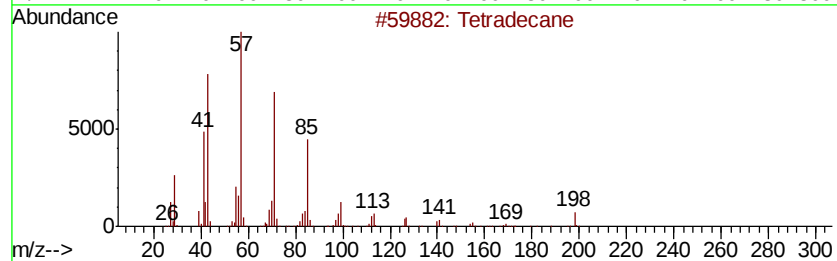
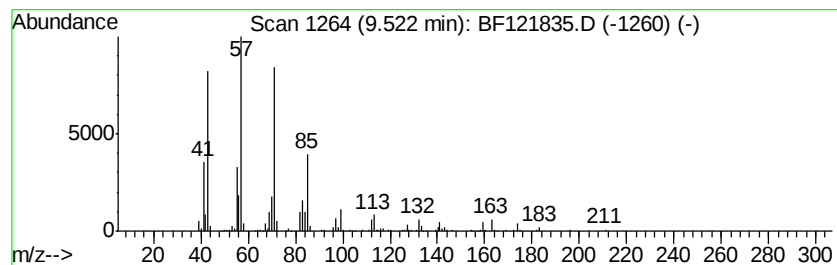
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	9.06 ng	401719	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	86
2		Pentadecane	212	C15H32	000629-62-9	78
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
5		Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
Sample : L4247-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)

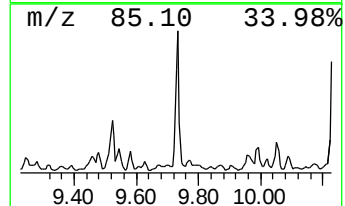
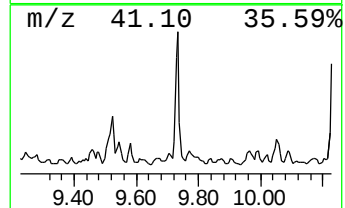
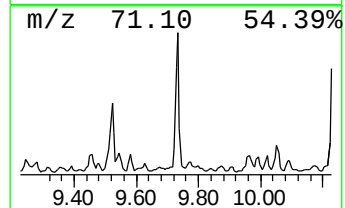
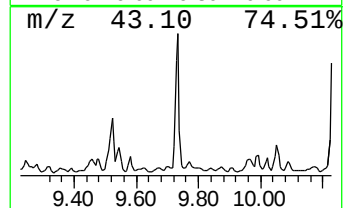
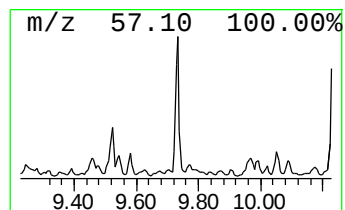
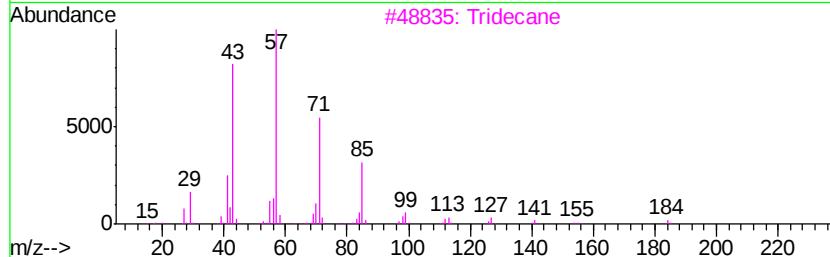
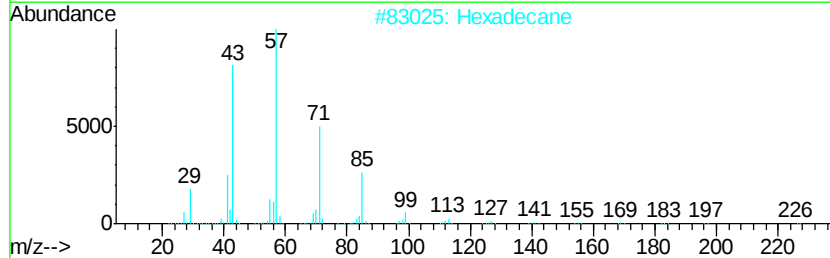
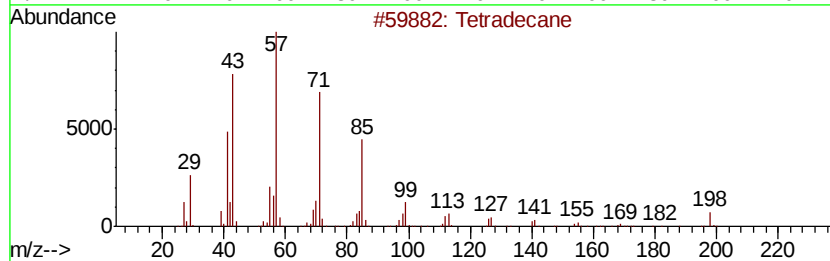
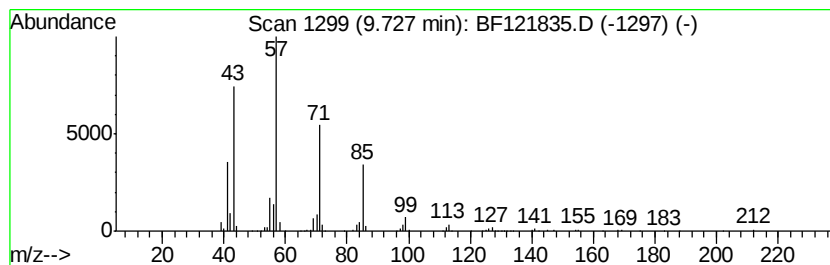
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 9-methylheptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	15.39 ng	682493	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane	184	C13H28	000629-50-5	90
4		9-methylheptadecane	254	C18H38	026741-18-4	78
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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Operator : JU/CG
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Misc :
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ClientSampleId :
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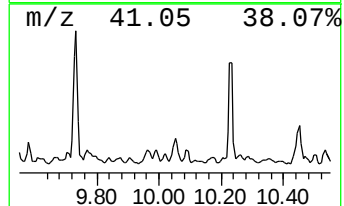
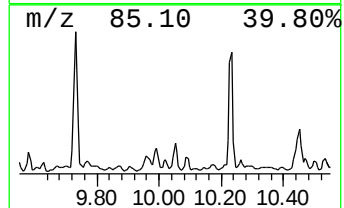
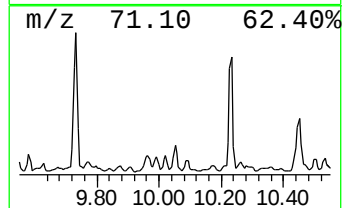
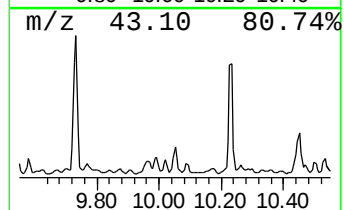
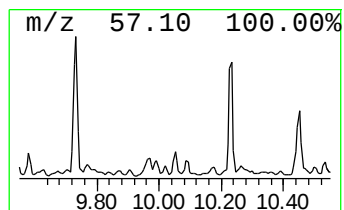
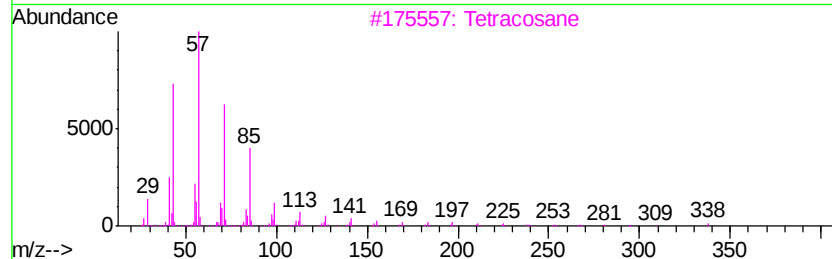
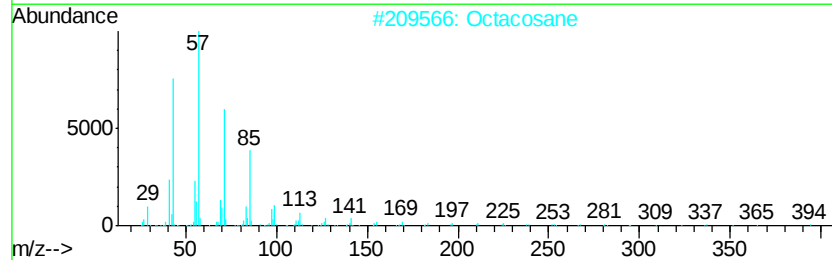
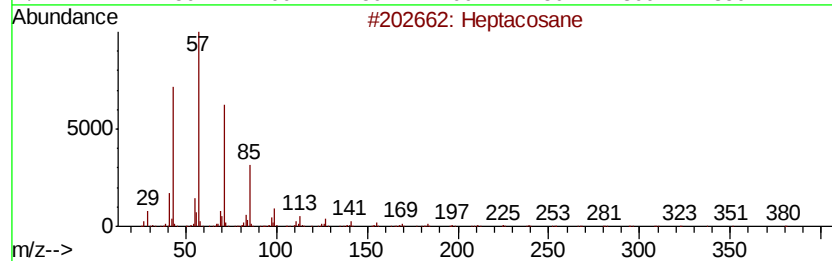
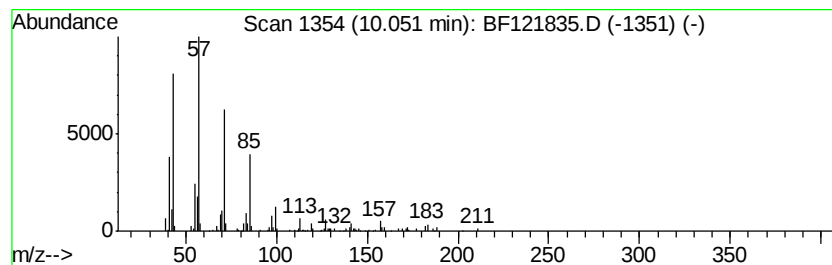
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	4.97 ng	220483	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	83
2		Octacosane	394	C28H58	000630-02-4	80
3		Tetracosane	338	C24H50	000646-31-1	80
4		Tetradecane	198	C14H30	000629-59-4	80
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
Sample : L4247-01 5X
Misc :
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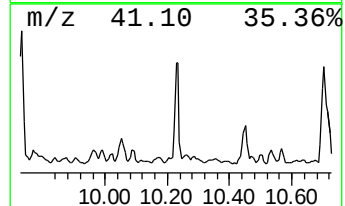
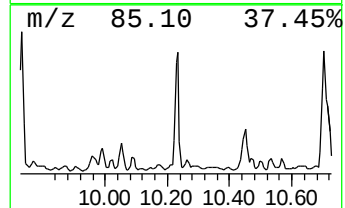
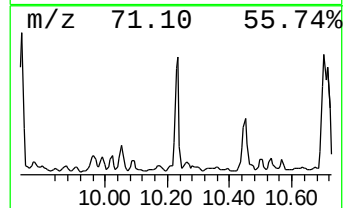
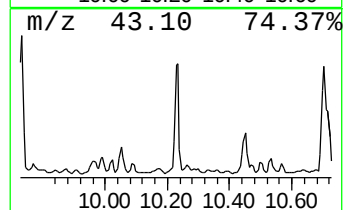
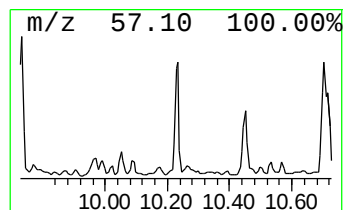
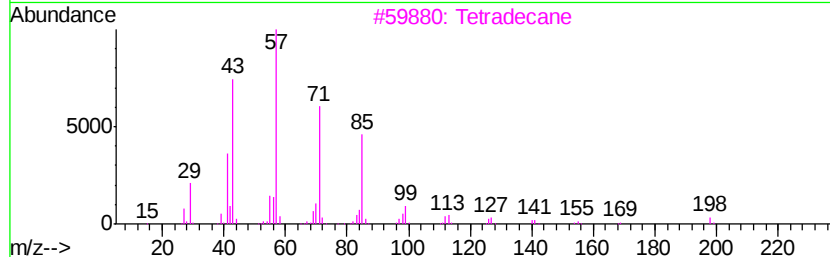
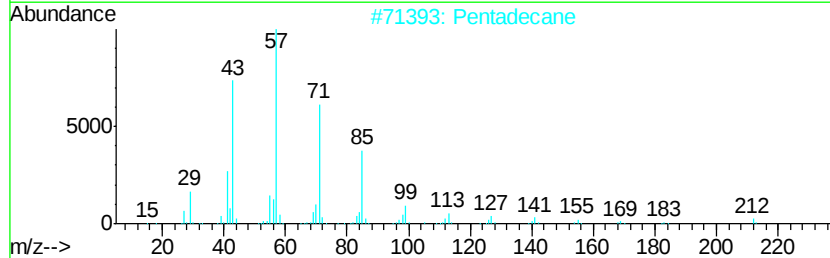
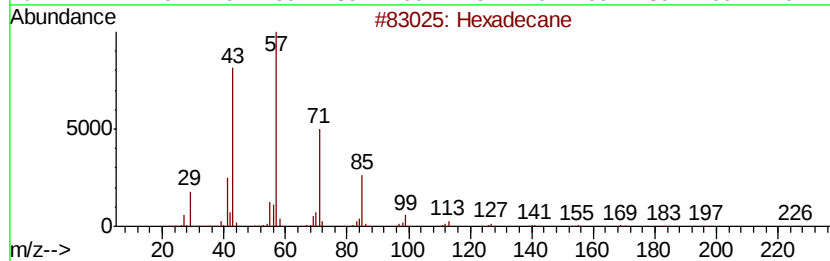
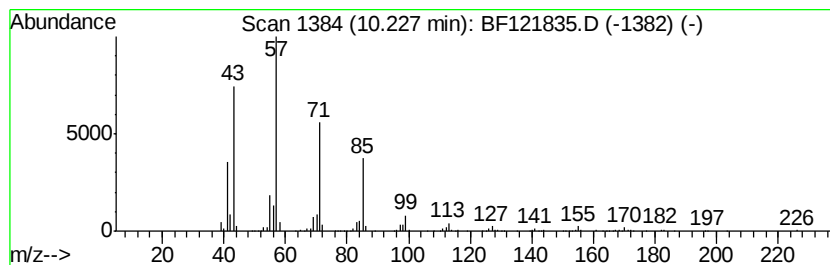
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Decane, 2,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	12.76 ng	566132	Acenaphthene-d10	9.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	97
2	Pentadecane	212 C15H32	000629-62-9	90
3	Tetradecane	198 C14H30	000629-59-4	86
4	Tridecane	184 C13H28	000629-50-5	80
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
Sample : L4247-01 5X
Misc :
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Instrument :
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ClientSampleId :
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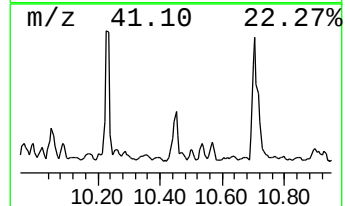
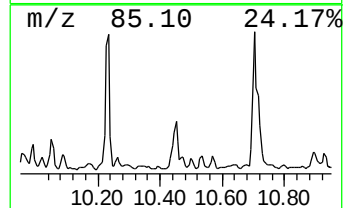
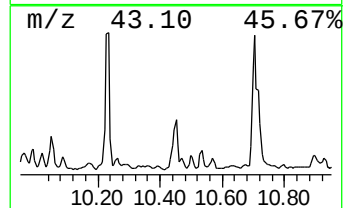
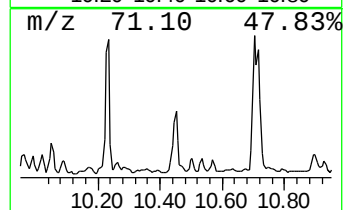
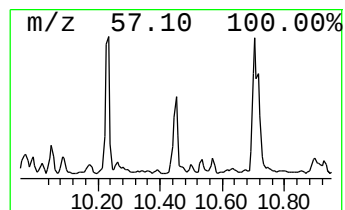
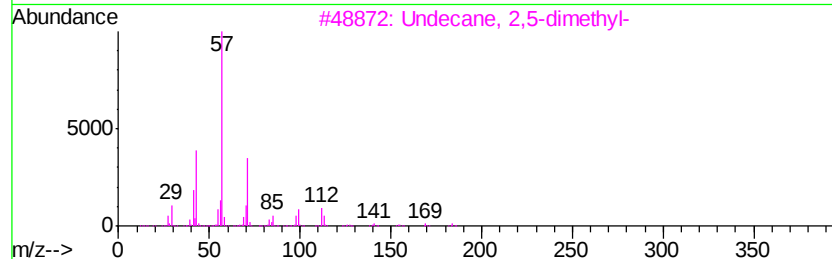
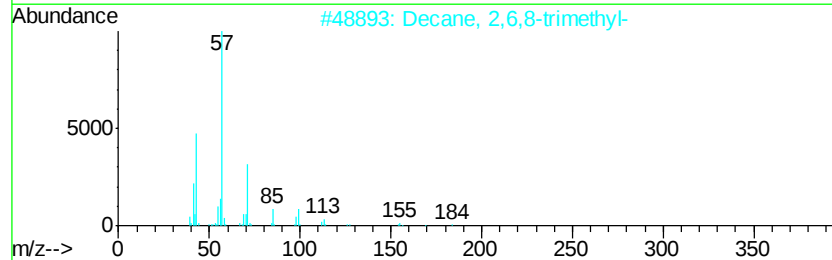
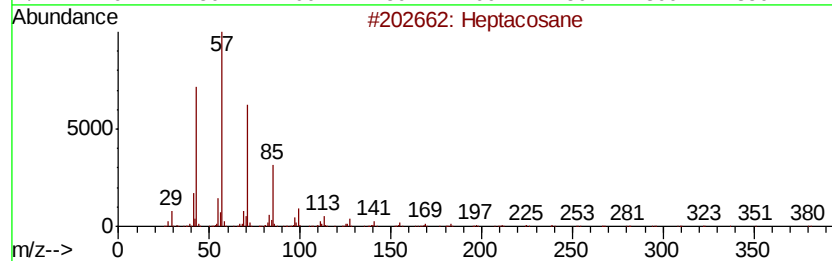
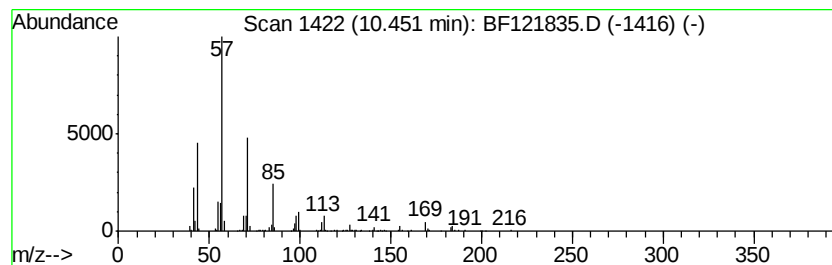
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Decane, 2,6,8-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	8.48 ng	376308	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
Sample : L4247-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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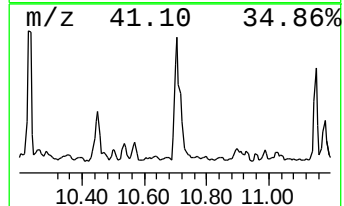
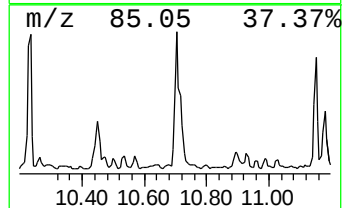
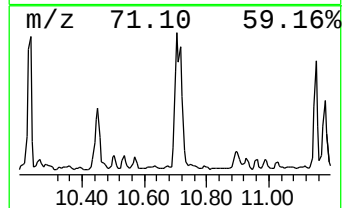
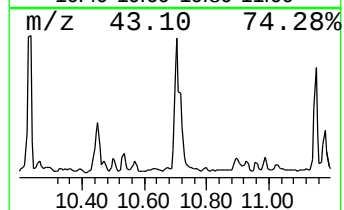
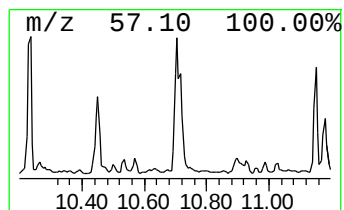
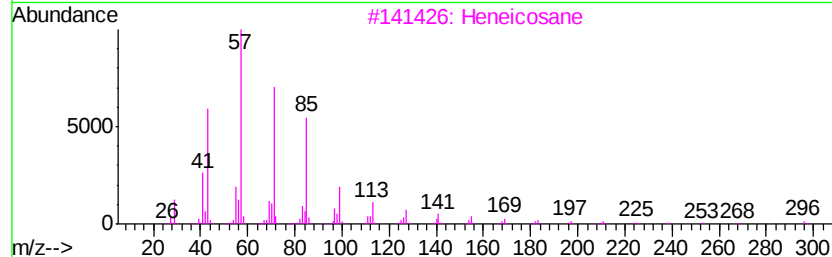
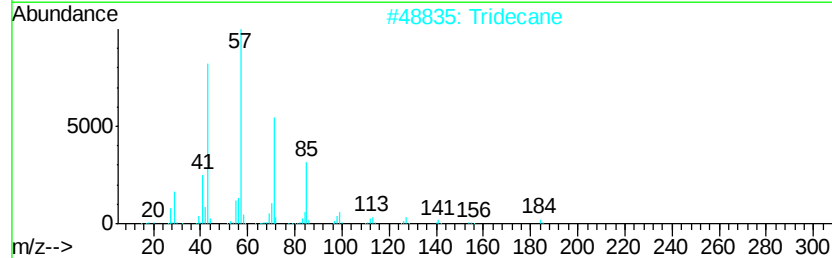
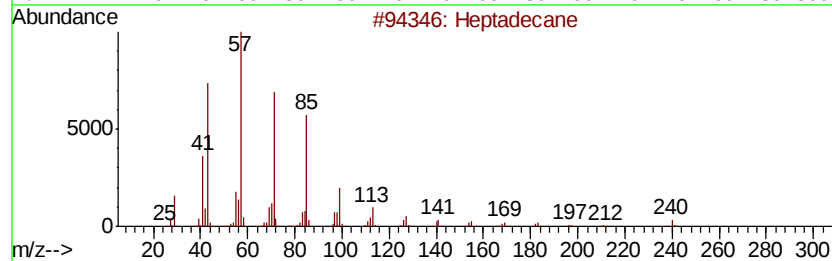
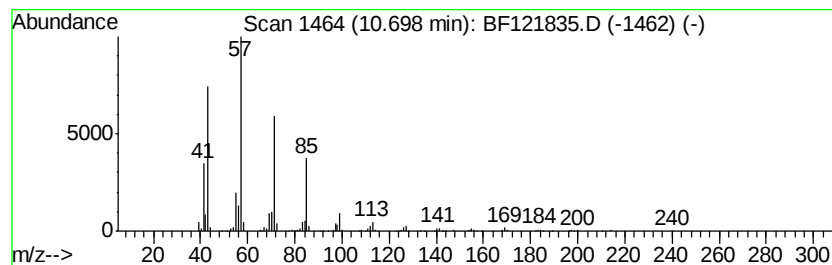
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	24.82 ng	920287	Phenanthrene-d10	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Tridecane		184	C13H28	000629-50-5	94
3	Heneicosane		296	C21H44	000629-94-7	90
4	Tetracosane		338	C24H50	000646-31-1	90
5	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
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ALS Vial : 18 Sample Multiplier: 1

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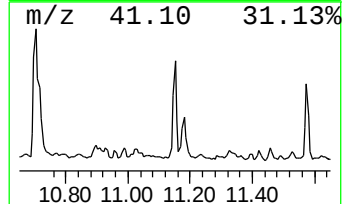
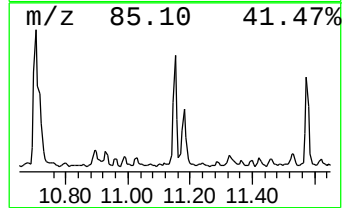
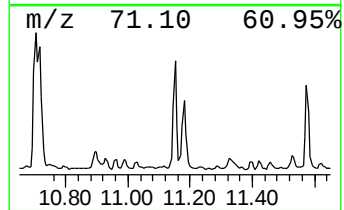
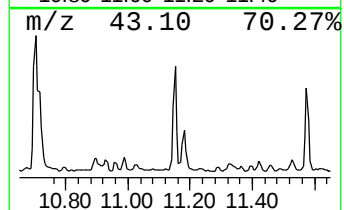
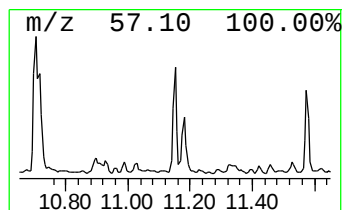
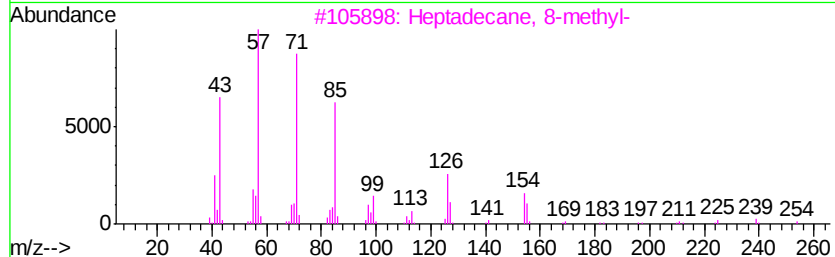
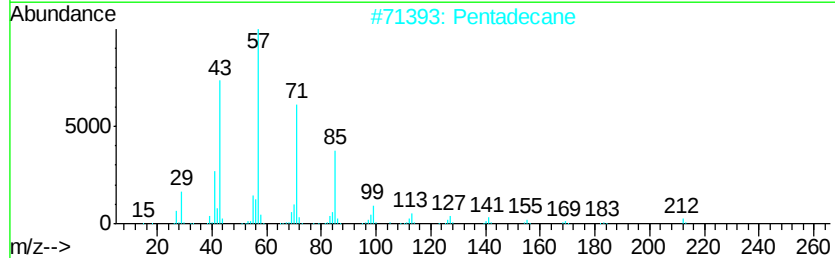
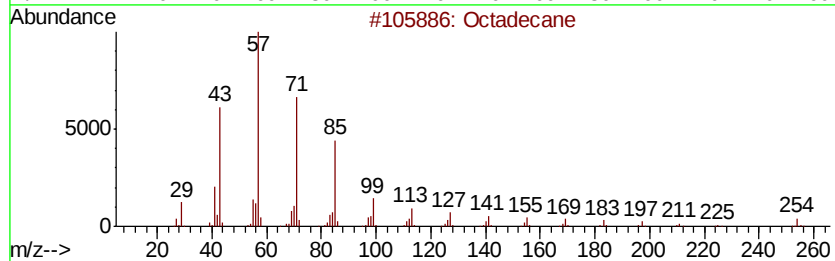
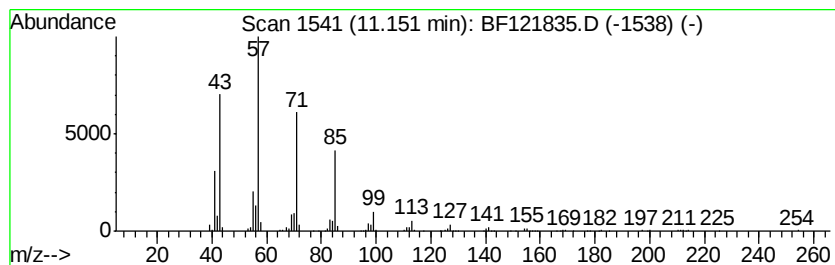
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	10.10 ng	374358	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Pentadecane	212	C15H32	000629-62-9	94
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
Sample : L4247-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)

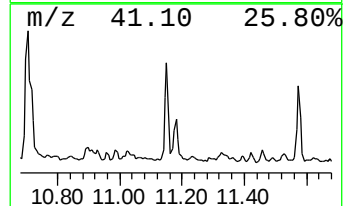
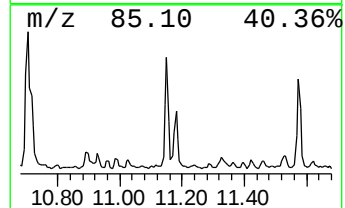
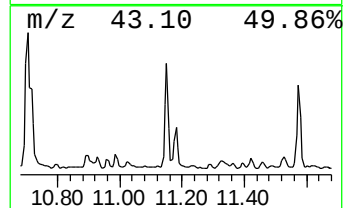
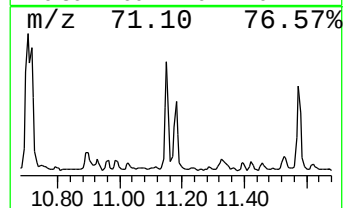
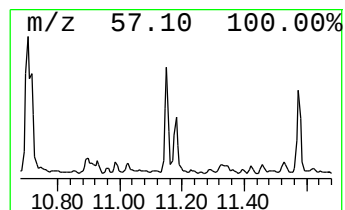
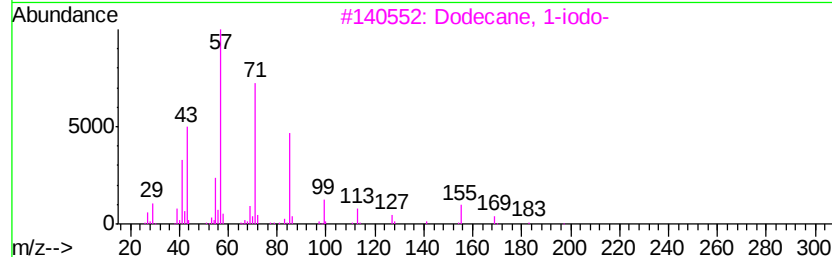
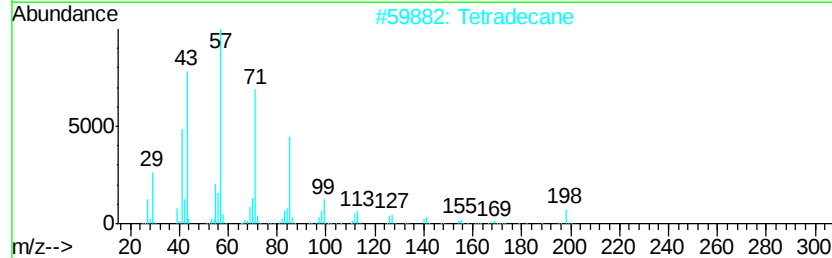
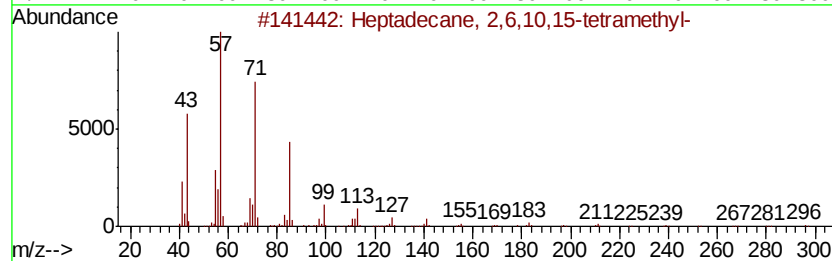
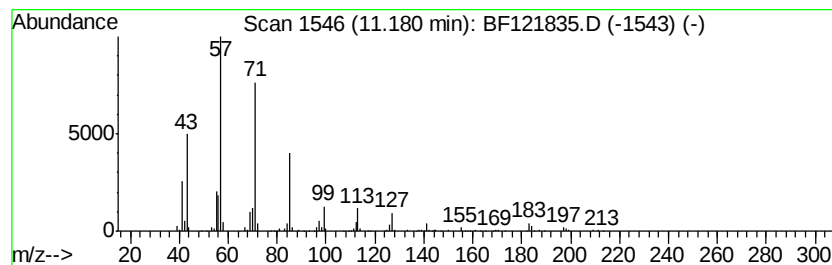
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	7.72 ng	286355	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		Tetradecane	198	C14H30	000629-59-4	78
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	78
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
Sample : L4247-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)

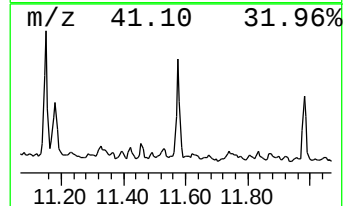
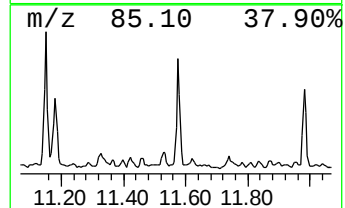
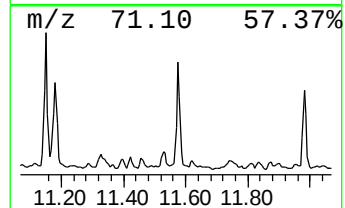
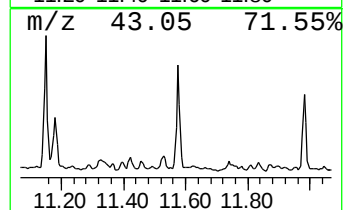
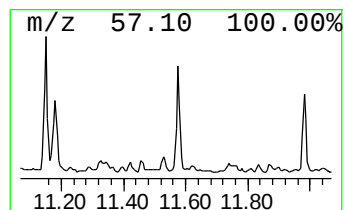
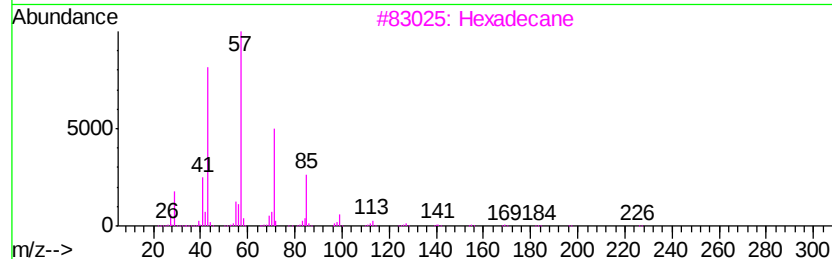
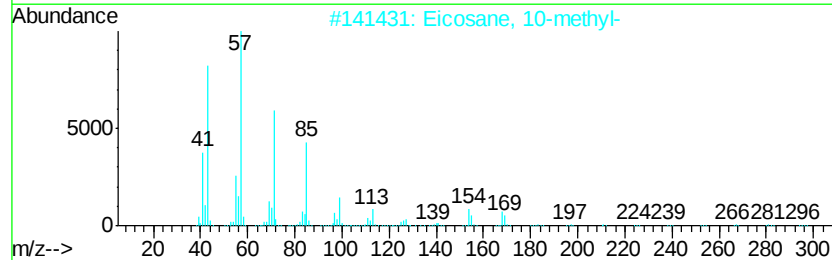
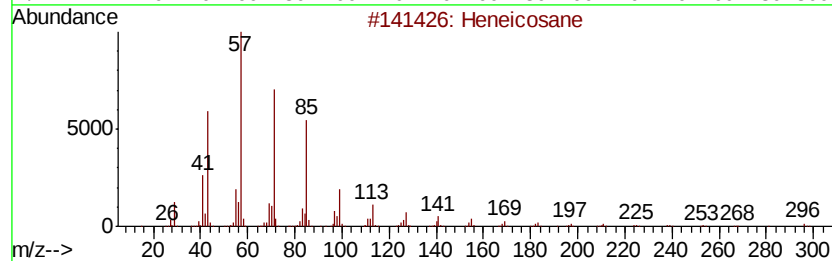
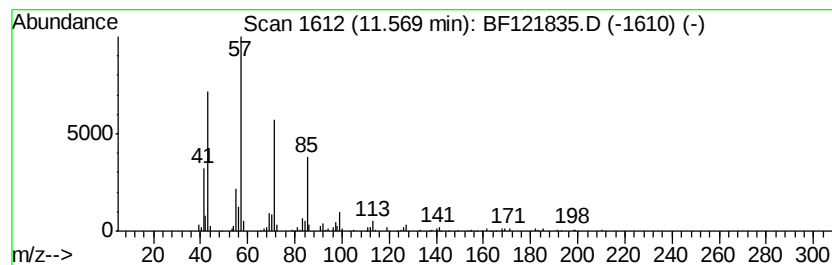
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	8.39 ng	310935	Phenanthrene-d10	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
Sample : L4247-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)

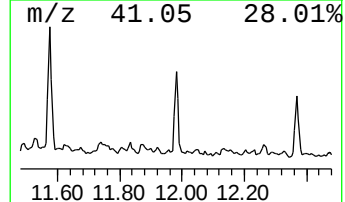
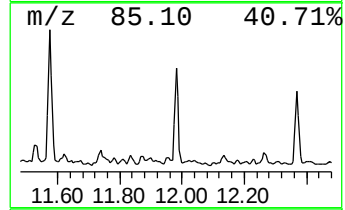
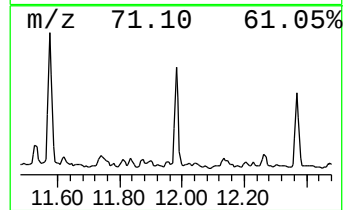
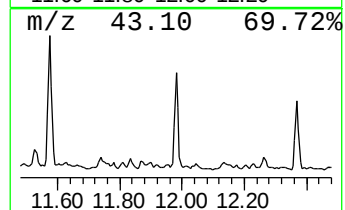
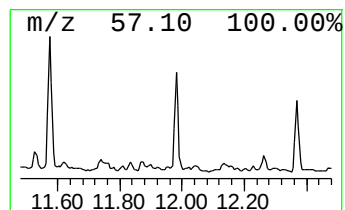
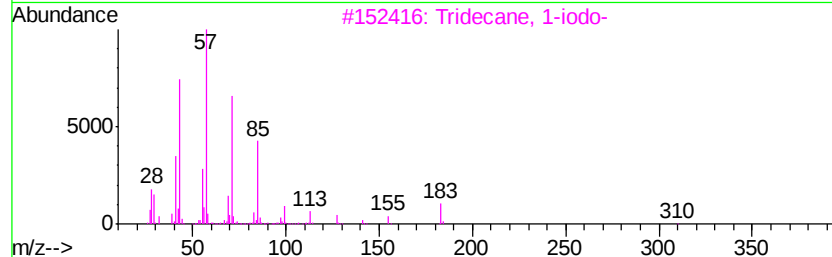
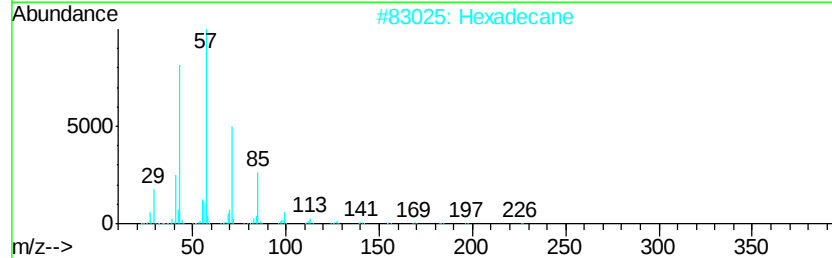
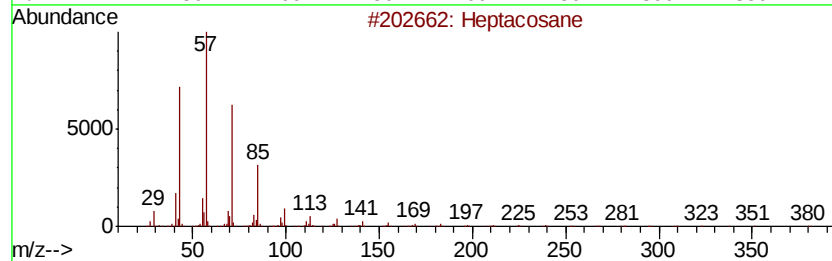
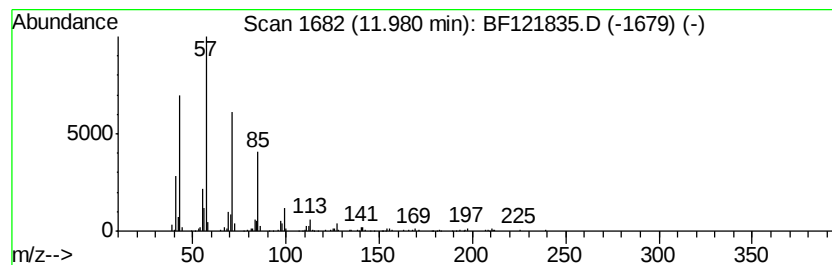
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tridecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	6.50 ng	240843	Phenanthrene-d10	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121835.D
Acq On : 6 Oct 2020 00:29
Operator : JU/CG
Sample : L4247-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)

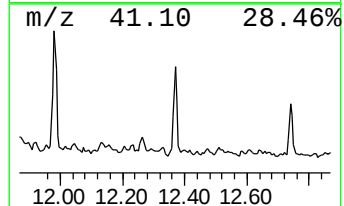
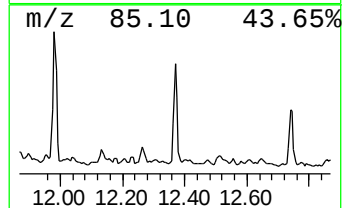
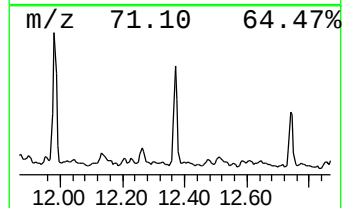
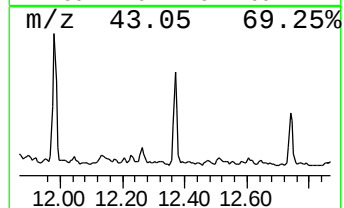
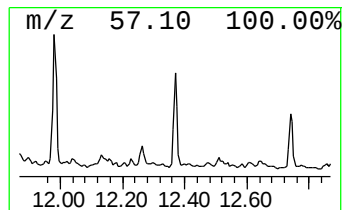
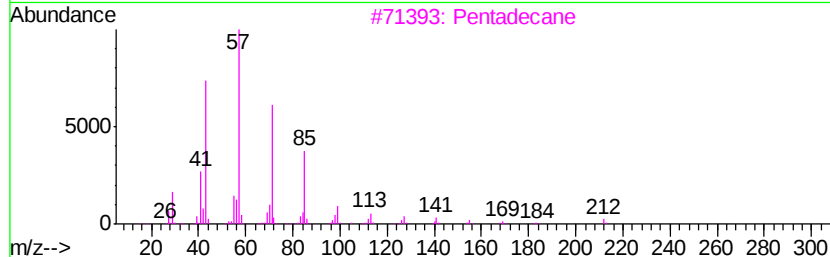
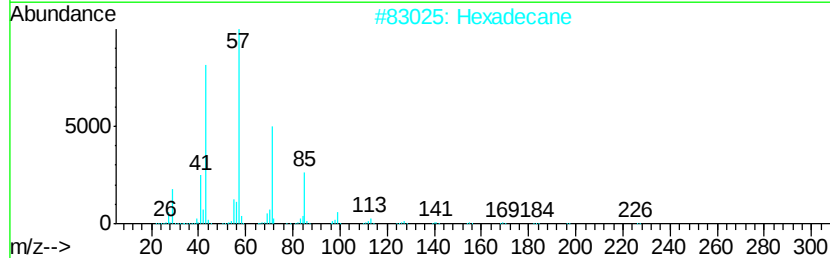
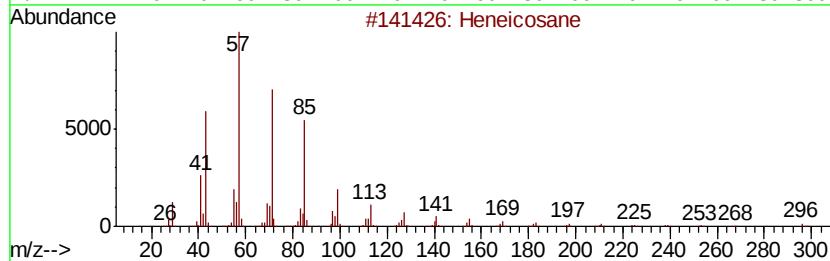
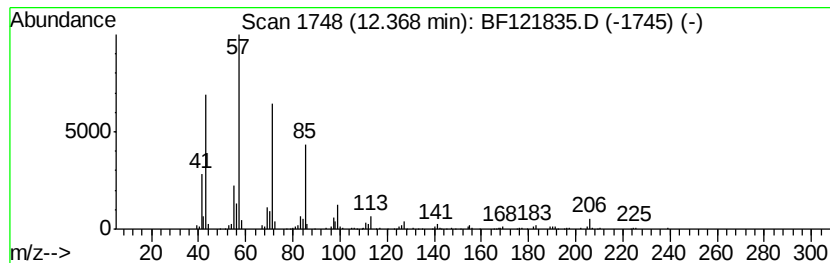
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Tridecane, 7-hexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	5.06 ng	187797	Phenanthrene-d10	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Pentadecane	212	C15H32	000629-62-9	87
4			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100520\
 Data File : BF121835.D
 Acq On : 6 Oct 2020 00:29
 Operator : JU/CG
 Sample : L4247-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	6.60	6.4	ng	222956	1	6.76	693029	20.0
Hexadecane	7.36	10.5	ng	362796	1	6.76	693029	20.0
Undecane, 5-ethyl-	7.80	6.4	ng	203678	2	8.05	639155	20.0
Undecane, 3,6-dim...	8.11	7.7	ng	245028	2	8.05	639155	20.0
unknown8.34	8.34	8.3	ng	265996	2	8.05	639155	20.0
Dodecane, 2,6,11-...	8.47	8.1	ng	259006	2	8.05	639155	20.0
Tridecane	8.64	21.4	ng	684266	2	8.05	639155	20.0
Dodecane, 2,6,10-...	9.07	5.3	ng	235971	3	9.80	887069	20.0
Tetradecane	9.20	17.5	ng	777525	3	9.80	887069	20.0
Pentadecane	9.52	9.1	ng	401719	3	9.80	887069	20.0
9-methylheptadecane	9.73	15.4	ng	682493	3	9.80	887069	20.0
Heptacosane	10.05	5.0	ng	220483	3	9.80	887069	20.0
Decane, 2,3,5-tri...	10.23	12.8	ng	566132	3	9.80	887069	20.0
Decane, 2,6,8-tri...	10.45	8.5	ng	376308	3	9.80	887069	20.0
Heptadecane	10.70	24.8	ng	920287	4	11.29	741605	20.0
Octadecane	11.15	10.1	ng	374358	4	11.29	741605	20.0
Heptadecane, 2,6,...	11.18	7.7	ng	286355	4	11.29	741605	20.0
Heneicosane	11.57	8.4	ng	310935	4	11.29	741605	20.0
Tridecane, 1-iodo-	11.98	6.5	ng	240843	4	11.29	741605	20.0
Tridecane, 7-hexyl-	12.37	5.1	ng	187797	4	11.29	741605	20.0