

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082020\
 Data File : BF121356.D
 Acq On : 20 Aug 2020 19:49
 Operator : JU/CG
 Sample : L3504-07 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-081920

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-BF081920.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	5.298	543	546	554	rBV	351835	356569	25.67%	1.906%
2	6.334	719	722	735	rBV	400821	422888	30.45%	2.260%
3	6.534	751	756	761	rBV3	106803	97079	6.99%	0.519%
4	6.692	780	783	790	rVB	911992	824981	59.40%	4.409%
5	6.845	806	809	812	rBV3	36491	43707	3.15%	0.234%
6	6.975	825	831	834	rVB5	55557	88557	6.38%	0.473%
7	7.016	834	838	840	rBV2	39308	52600	3.79%	0.281%
8	7.086	847	850	853	rBV2	80216	64118	4.62%	0.343%
9	7.234	869	875	877	rBV2	60340	88682	6.39%	0.474%
10	7.257	877	879	883	rVV	294189	254904	18.35%	1.362%
11	7.298	883	886	889	rVB	276971	210957	15.19%	1.127%
12	7.345	889	894	897	rVB5	61781	85926	6.19%	0.459%
13	7.386	897	901	903	rBV3	33154	48517	3.49%	0.259%
14	7.416	903	906	909	rVV4	38767	41267	2.97%	0.221%
15	7.498	915	920	924	rVB4	84711	122815	8.84%	0.656%
16	7.616	932	940	942	rBV5	66562	125372	9.03%	0.670%
17	7.663	945	948	951	rVB3	46304	50550	3.64%	0.270%
18	7.698	951	954	956	rBV3	58695	62850	4.53%	0.336%
19	7.722	956	958	959	rBV2	51225	39316	2.83%	0.210%
20	7.781	966	968	970	rBV2	44110	43586	3.14%	0.233%
21	7.804	970	972	973	rVV	49345	41082	2.96%	0.220%
22	7.851	977	980	984	rBV2	49644	70849	5.10%	0.379%
23	7.981	996	1002	1005	rVV2	1246633	1388876	100.00%	7.423%
24	8.028	1008	1010	1011	rVV	72868	50707	3.65%	0.271%
25	8.045	1011	1013	1015	rVB	160197	102220	7.36%	0.546%
26	8.069	1015	1017	1021	rVB2	54823	45782	3.30%	0.245%
27	8.133	1025	1028	1029	rBV3	37670	34007	2.45%	0.182%
28	8.181	1033	1036	1039	rVB2	98847	110239	7.94%	0.589%
29	8.222	1039	1043	1045	rBV2	43668	46929	3.38%	0.251%
30	8.275	1047	1052	1055	rBV4	93250	153150	11.03%	0.818%
31	8.328	1059	1061	1064	rBV3	69096	62289	4.48%	0.333%
32	8.363	1064	1067	1070	rVB3	113856	110577	7.96%	0.591%
33	8.404	1070	1074	1076	rBV	210674	193407	13.93%	1.034%
34	8.445	1079	1081	1083	rVB3	62538	49655	3.58%	0.265%

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Integrator: RTE

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35	8.480	1084	1087	1090	rBV2	118263	105004	7.56%	0.561%
36	8.522	1090	1094	1096	rBV3	82220	85882	6.18%	0.459%
37	8.575	1100	1103	1106	rBV	480791	362533	26.10%	1.938%
38	8.639	1111	1114	1116	rVV2	108010	112552	8.10%	0.602%
39	8.669	1116	1119	1122	rVB3	90000	95138	6.85%	0.508%
40	8.722	1125	1128	1131	rBV3	32454	47502	3.42%	0.254%
41	8.804	1139	1142	1144	rVB	104073	92502	6.66%	0.494%
42	8.857	1149	1151	1153	rBV2	61828	55202	3.97%	0.295%
43	8.939	1163	1165	1168	rVB2	81515	64269	4.63%	0.343%
44	8.975	1168	1171	1173	rVV2	39550	43856	3.16%	0.234%
45	9.004	1173	1176	1180	rVV2	207623	190748	13.73%	1.019%
46	9.051	1181	1184	1187	rVV	654391	488149	35.15%	2.609%
47	9.139	1195	1199	1203	rBV	465093	405094	29.17%	2.165%
48	9.186	1203	1207	1208	rVV4	45538	67529	4.86%	0.361%
49	9.204	1208	1210	1212	rVV	96728	83049	5.98%	0.444%
50	9.322	1229	1230	1233	rVB3	40808	33345	2.40%	0.178%
51	9.392	1239	1242	1244	rBV3	42351	38028	2.74%	0.203%
52	9.416	1244	1246	1248	rVB2	71248	53502	3.85%	0.286%
53	9.457	1248	1253	1255	rBV2	223118	280964	20.23%	1.502%
54	9.480	1255	1257	1260	rVV2	90623	71214	5.13%	0.381%
55	9.516	1260	1263	1266	rVB3	71217	65942	4.75%	0.352%
56	9.592	1273	1276	1281	rVB2	78220	102992	7.42%	0.550%
57	9.639	1281	1284	1286	rBV3	47600	38876	2.80%	0.208%
58	9.669	1286	1289	1293	rVB	310311	264997	19.08%	1.416%
59	9.727	1296	1299	1302	rVV	1346786	1135531	81.76%	6.069%
60	9.763	1302	1305	1308	rVB2	65379	68035	4.90%	0.364%
61	9.839	1315	1318	1321	rVB4	39693	43341	3.12%	0.232%
62	9.892	1325	1327	1331	rVV4	42320	68680	4.95%	0.367%
63	9.933	1331	1334	1336	rVV2	74820	84509	6.08%	0.452%
64	9.986	1339	1343	1348	rVV4	62326	81497	5.87%	0.436%
65	10.045	1351	1353	1359	rBV5	27874	47720	3.44%	0.255%
66	10.163	1370	1373	1376	rVV	195134	163943	11.80%	0.876%
67	10.275	1389	1392	1399	rVB	81286	85429	6.15%	0.457%
68	10.386	1408	1411	1416	rVB	81686	89457	6.44%	0.478%
69	10.433	1417	1419	1423	rVB3	33939	32736	2.36%	0.175%
70	10.516	1428	1433	1437	rBV	307700	268193	19.31%	1.433%
71	10.639	1451	1454	1462	rVB	136751	196057	14.12%	1.048%

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72	11.086	1527	1530	1532	rBV2	56028	47164	3.40%	0.252%
73	11.110	1532	1534	1540	rVB2	59106	69509	5.00%	0.371%
74	11.210	1548	1551	1554	rBV	1143340	1105543	79.60%	5.908%
75	11.233	1554	1555	1559	rVV	312791	211337	15.22%	1.129%
76	11.286	1561	1564	1568	rVB	105963	89206	6.42%	0.477%
77	11.510	1599	1602	1604	rBV	45302	32590	2.35%	0.174%
78	11.610	1616	1619	1625	rVB	327302	262141	18.87%	1.401%
79	11.710	1633	1636	1639	rBV	44180	47984	3.45%	0.256%
80	11.739	1639	1641	1645	rVB	57624	49483	3.56%	0.264%
81	11.821	1652	1655	1658	rBV	91485	99441	7.16%	0.531%
82	12.010	1684	1687	1691	rBV2	26927	37908	2.73%	0.203%
83	12.186	1714	1717	1720	rBV2	61951	58777	4.23%	0.314%
84	12.263	1727	1730	1732	rVB	37113	32811	2.36%	0.175%
85	12.292	1732	1735	1737	rBV	571853	553476	39.85%	2.958%
86	12.316	1737	1739	1742	rVB	815212	614952	44.28%	3.287%
87	12.404	1751	1754	1755	rBV	130528	118210	8.51%	0.632%
88	12.421	1755	1757	1762	rVB	418673	324029	23.33%	1.732%
89	12.521	1771	1774	1776	rBV	35227	33921	2.44%	0.181%
90	12.651	1790	1796	1799	rBV	374340	404273	29.11%	2.161%
91	12.792	1817	1820	1827	rVB	530593	475949	34.27%	2.544%
92	12.980	1849	1852	1855	rVB	77466	74751	5.38%	0.399%
93	13.045	1859	1863	1866	rVB2	80722	90982	6.55%	0.486%
94	13.080	1867	1869	1874	rVB2	43615	47994	3.46%	0.256%
95	13.404	1922	1924	1930	rBV	70870	68841	4.96%	0.368%
96	13.851	1995	2000	2002	rBV2	1040825	1150705	82.85%	6.150%
97	13.874	2002	2004	2007	rVB	165682	132127	9.51%	0.706%
98	14.862	2169	2172	2175	rBV	186928	239806	17.27%	1.282%
99	15.204	2228	2230	2235	rVB	169686	185652	13.37%	0.992%
100	15.262	2236	2240	2244	rBV	673435	852777	61.40%	4.558%

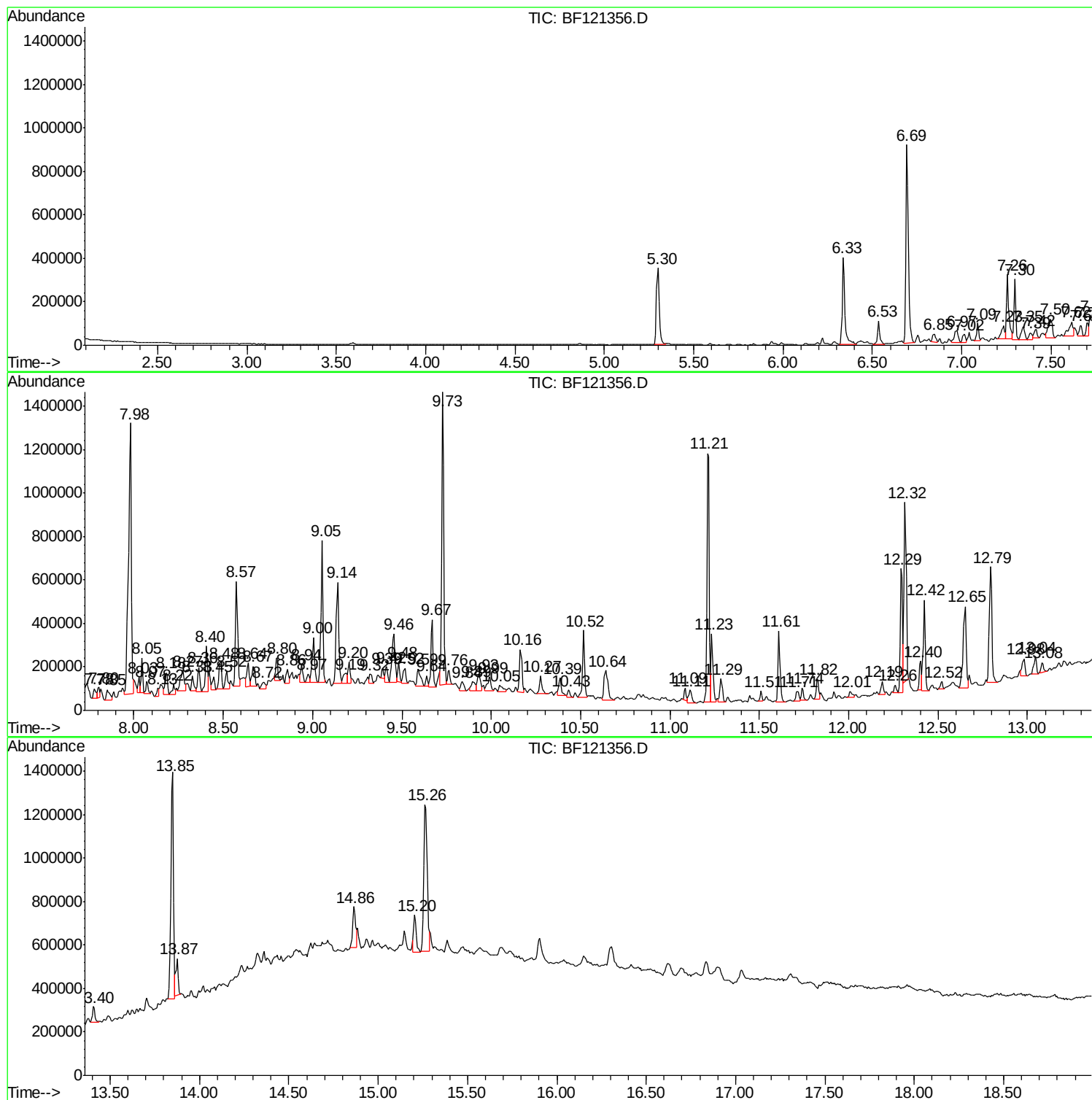
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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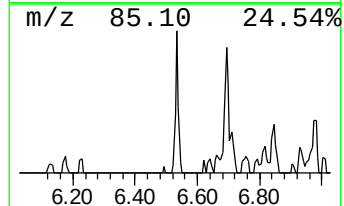
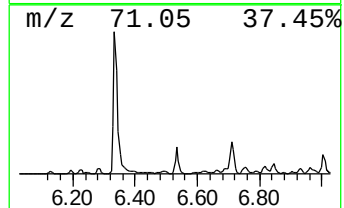
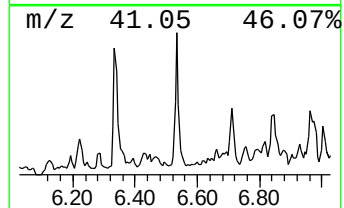
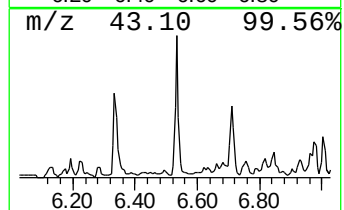
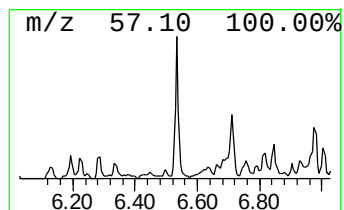
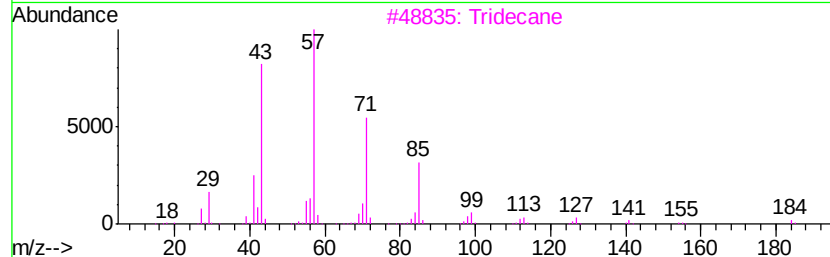
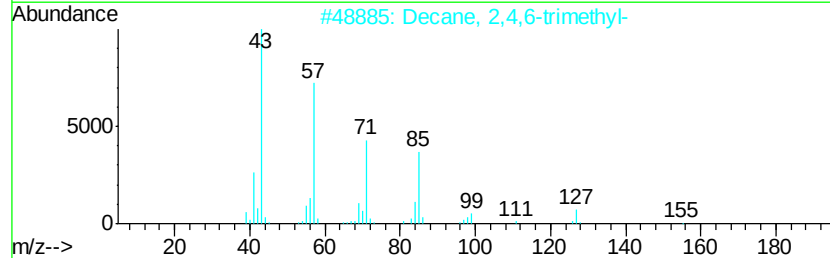
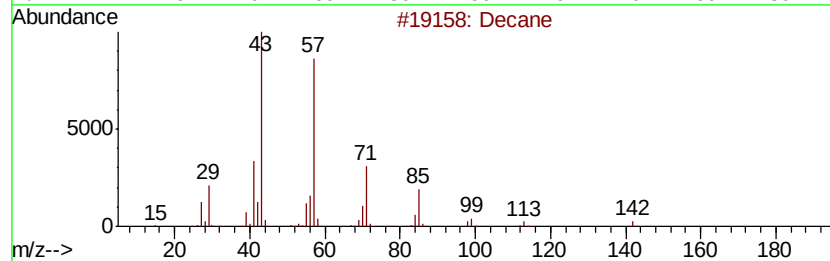
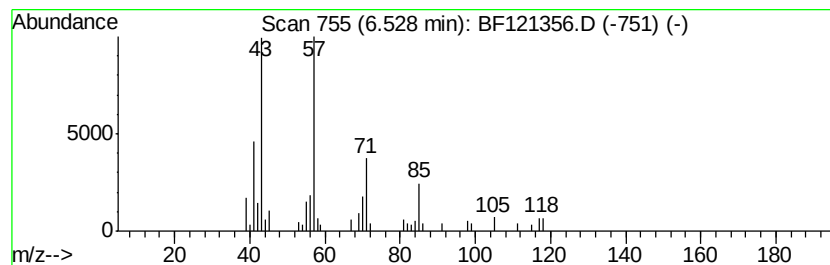
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	2.35 ng	97079	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	87
2		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	64
3		Tridecane	184	C13H28	000629-50-5	64
4		Undecane	156	C11H24	001120-21-4	59
5		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59



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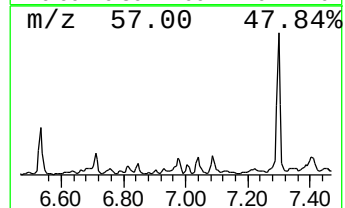
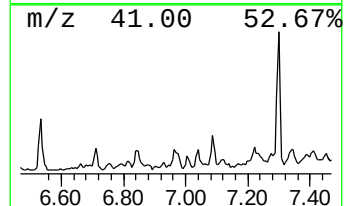
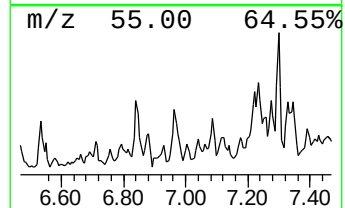
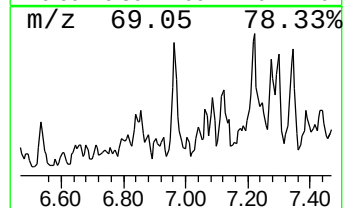
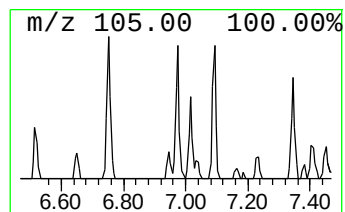
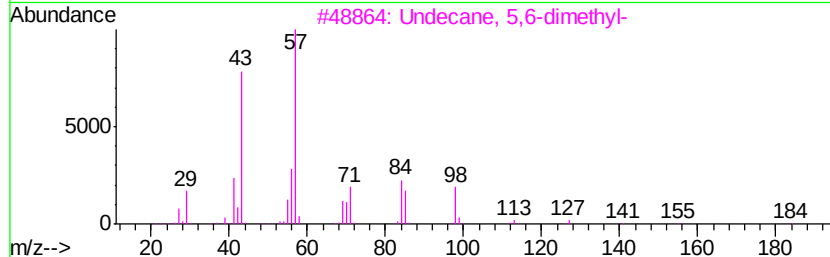
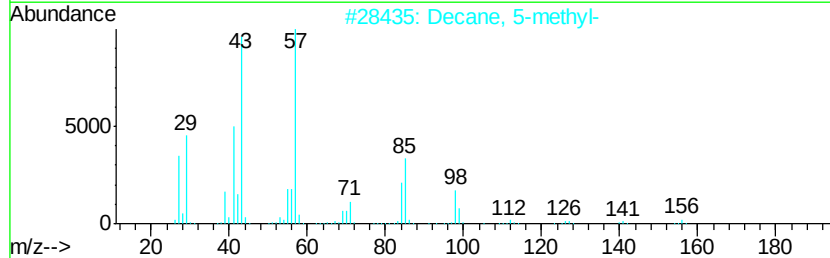
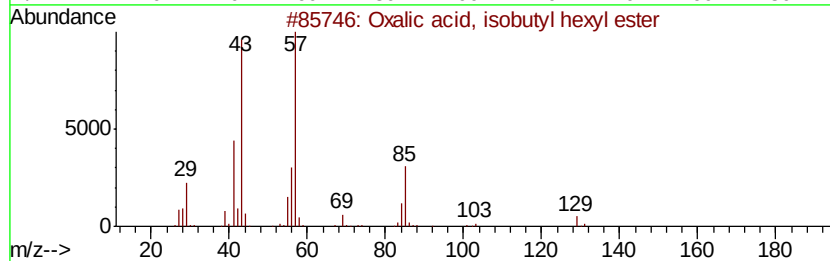
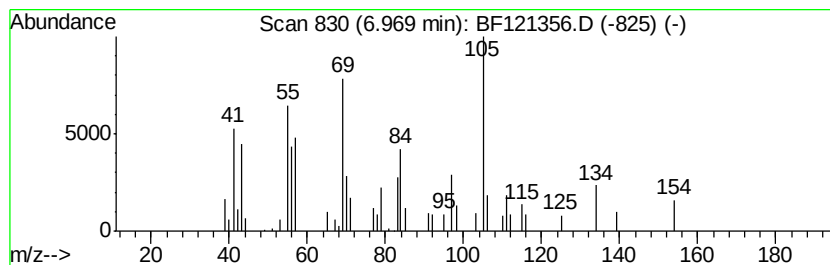
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.97 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.97	2.15 ng	88557	1,4-Dichlorobenzene-d4	6.69	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	35
2	Decane, 5-methyl-	156	C11H24	013151-35-4	35
3	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	35
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	27
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	27



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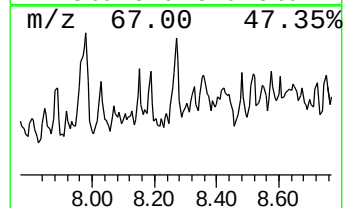
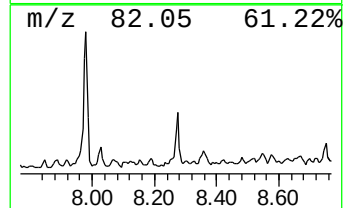
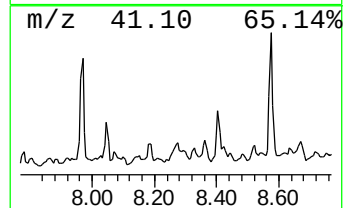
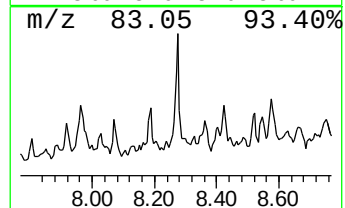
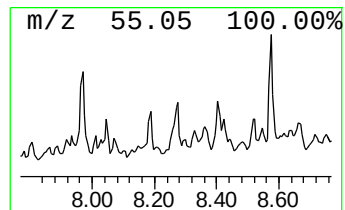
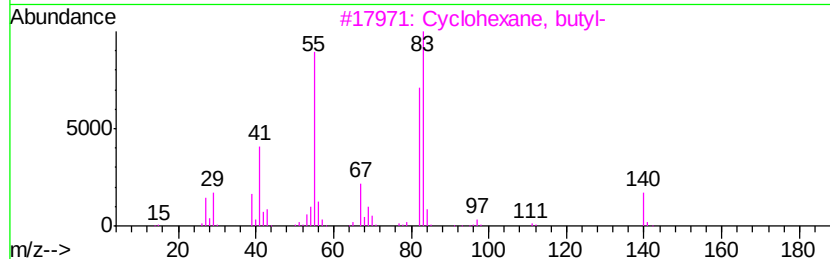
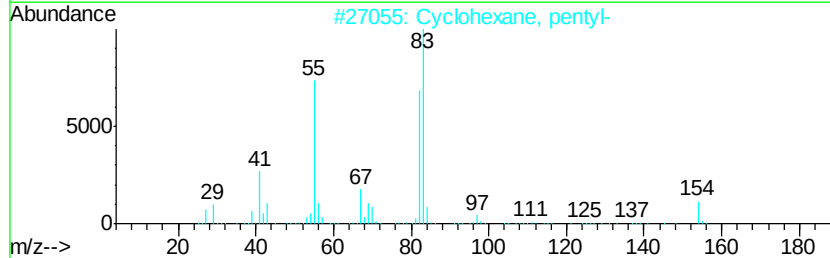
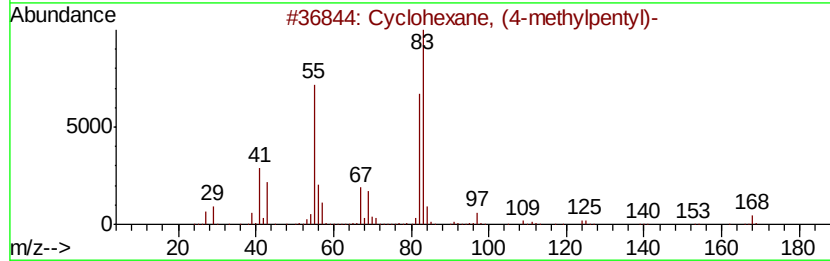
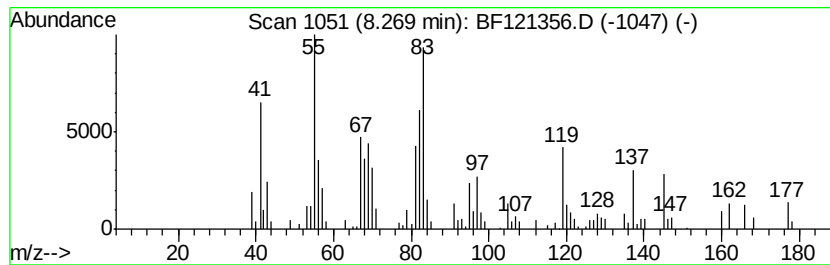
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	2.21 ng	153150	Napthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	50
4		Cyclohexane, 1,1'-(1,4-butanediol-2,2'-diyl)-	222	C16H30	006165-44-2	47
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47



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Sample : L3504-07 5X
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ClientSampleId :
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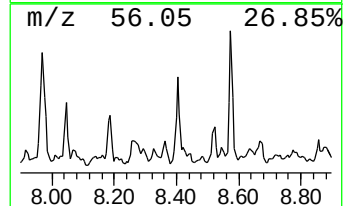
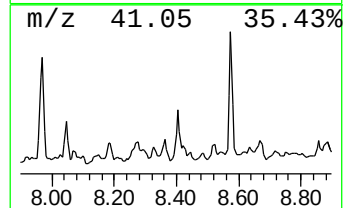
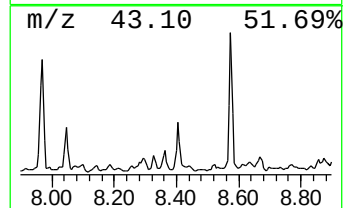
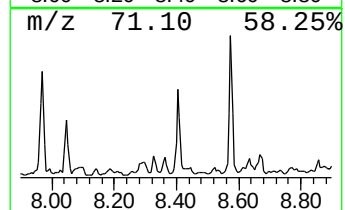
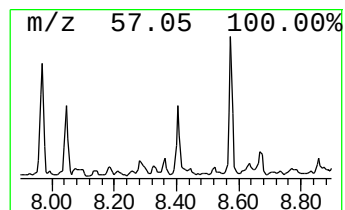
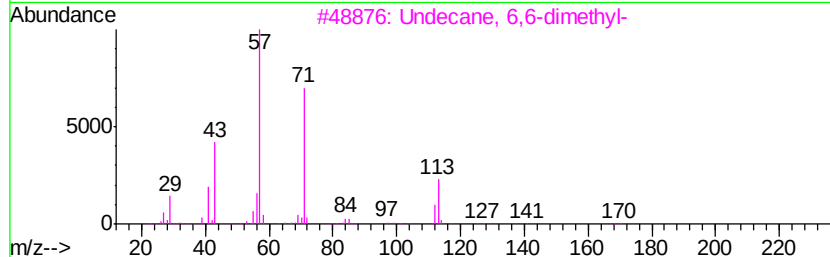
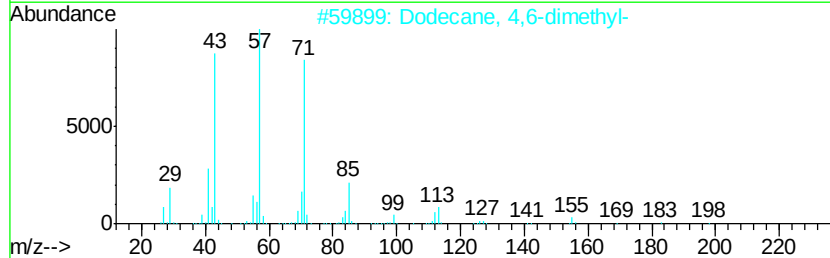
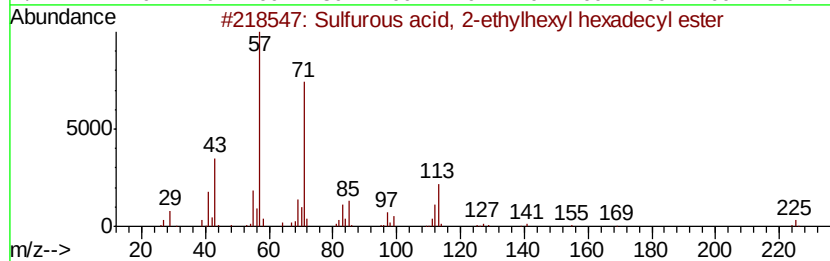
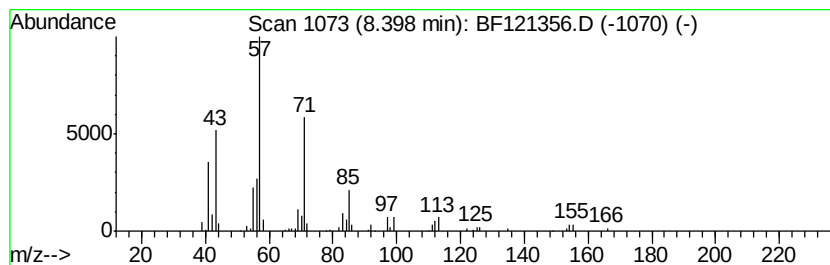
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Sulfurous acid, 2-ethylhexy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	2.79 ng	193407	Napthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	80
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
4		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
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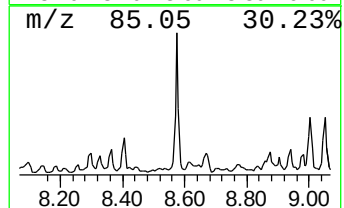
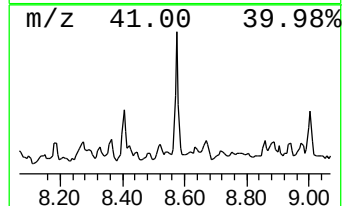
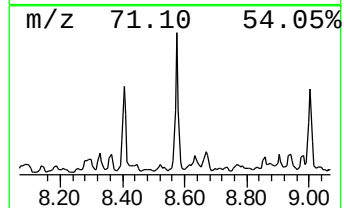
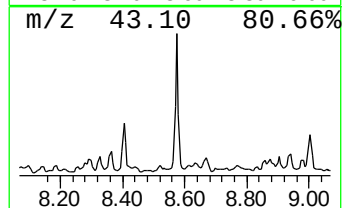
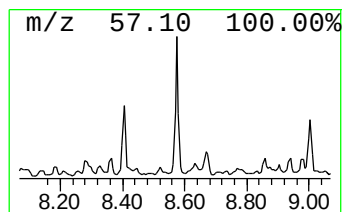
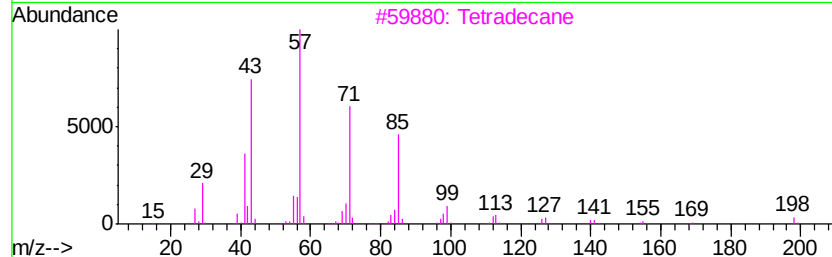
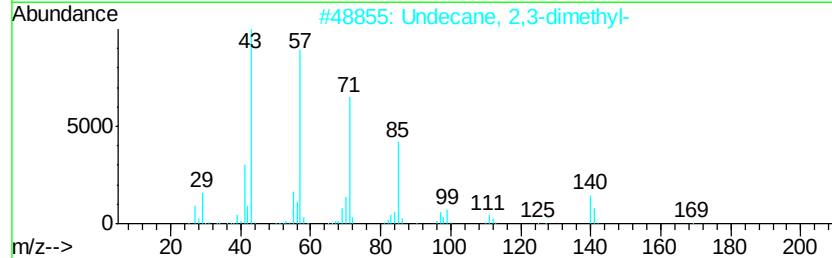
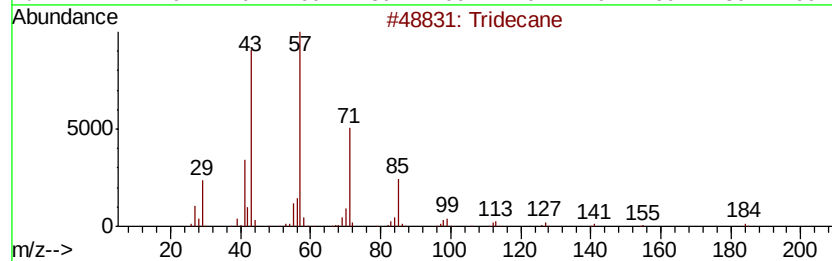
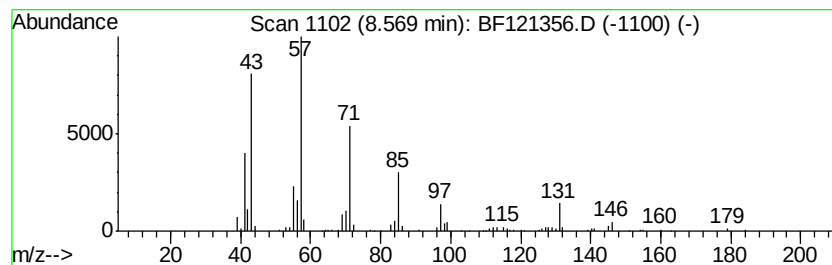
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	5.22 ng	362533	Napthalene-d8	7.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	87
2	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	80
3	Tetradecane		198	C14H30	000629-59-4	80
4	Hexadecane		226	C16H34	000544-76-3	80
5	Octadecane		254	C18H38	000593-45-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
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Misc :
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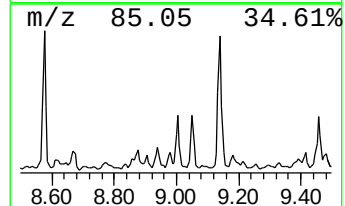
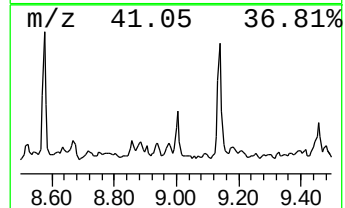
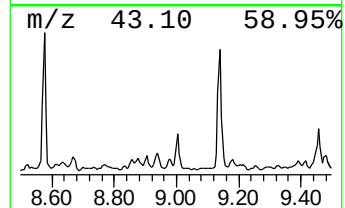
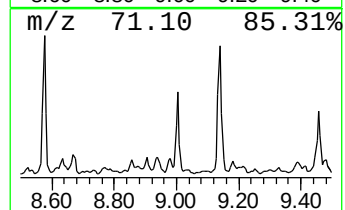
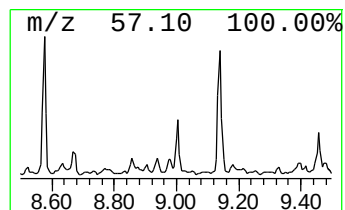
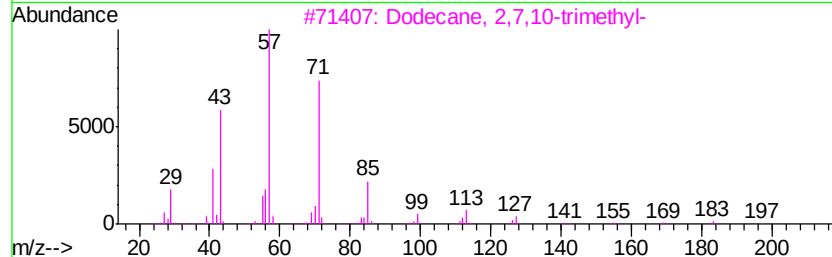
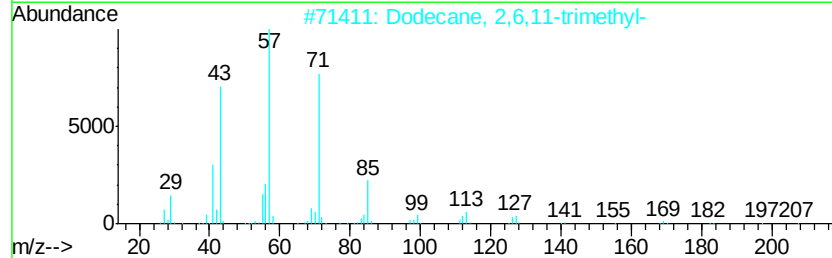
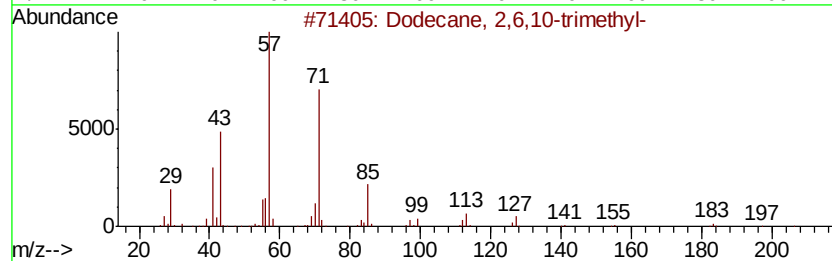
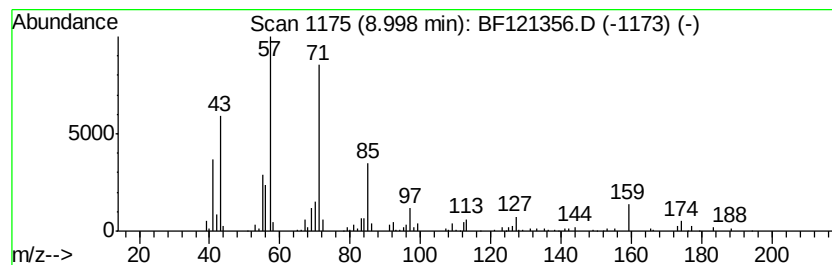
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	3.36 ng	190748	Acenaphthene-d10	9.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	50
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
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Sample : L3504-07 5X
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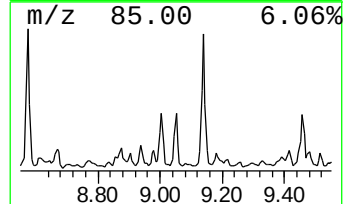
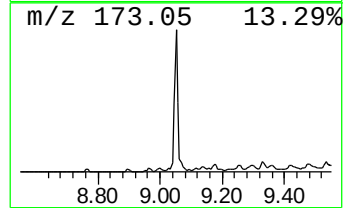
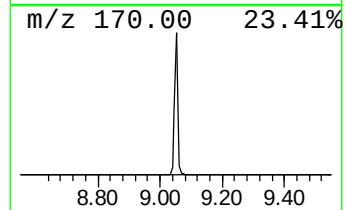
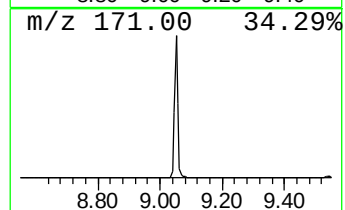
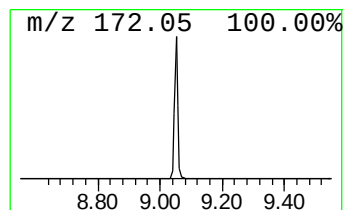
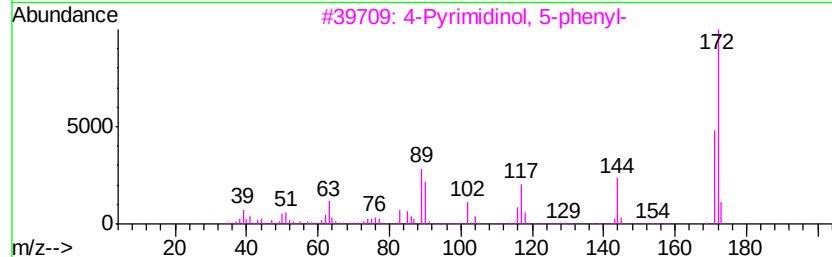
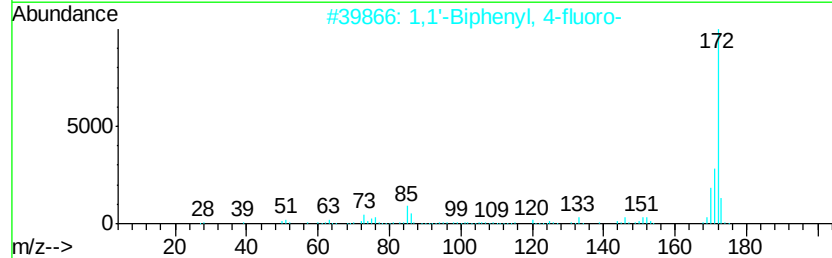
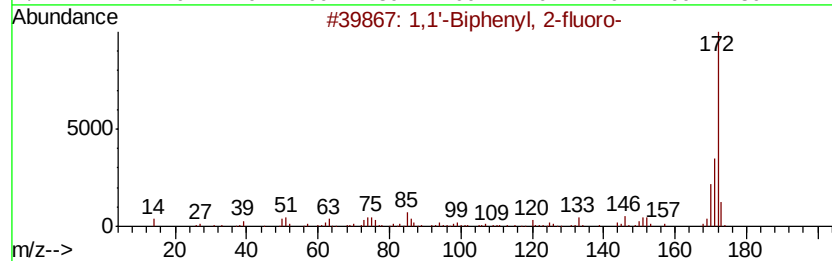
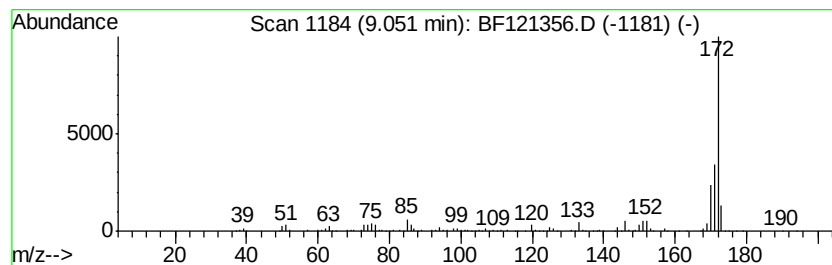
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2-fluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.05	8.60 ng	488149	Acenaphthene-d10	9.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	96
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	93
3	4-Pyrimidinol, 5-phenyl-	172	C10H8N2O	022433-69-8	42
4	DL-Norleucine, N-propoxycarbonyl...	301	C16H31NO4	1000339-03-0	37
5	2-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	064435-20-7	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
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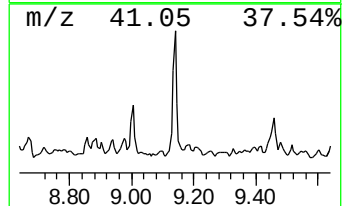
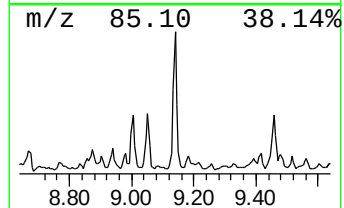
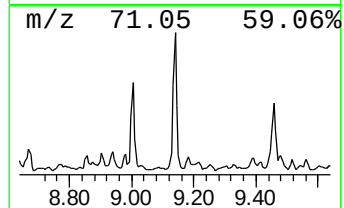
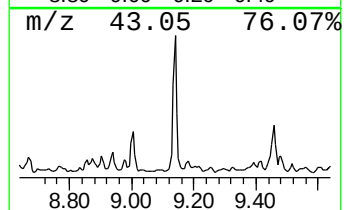
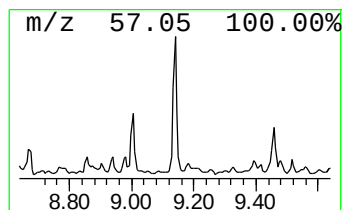
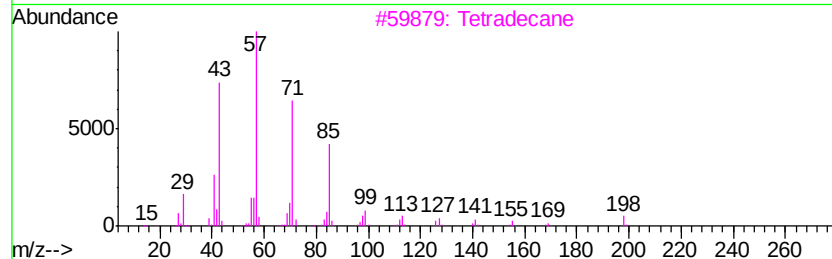
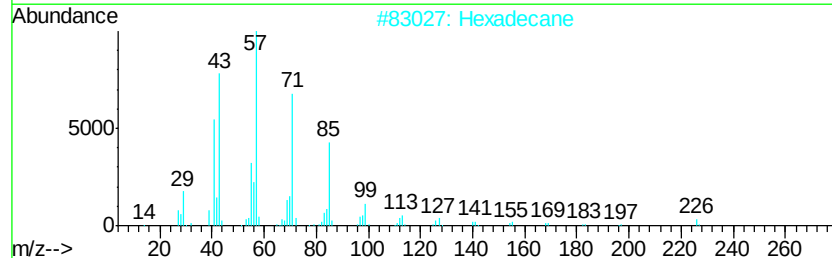
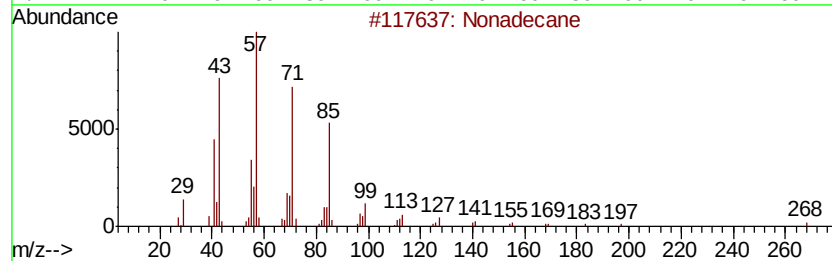
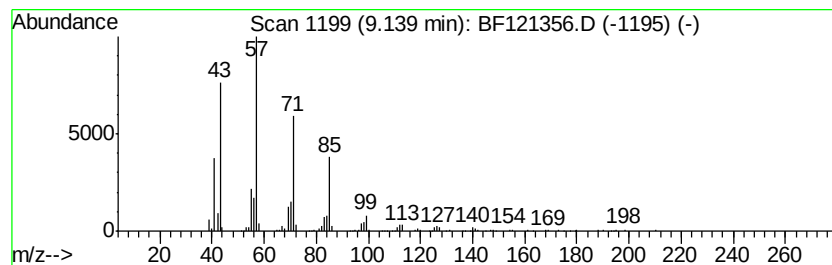
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	7.13 ng	405094	Acenaphthene-d10	9.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tetradecane	198	C14H30	000629-59-4	83
4		9-methylheptadecane	254	C18H38	026741-18-4	83
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
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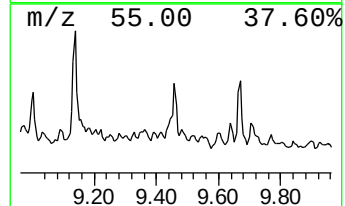
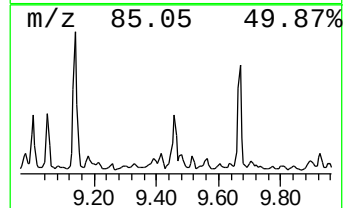
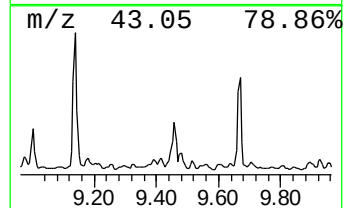
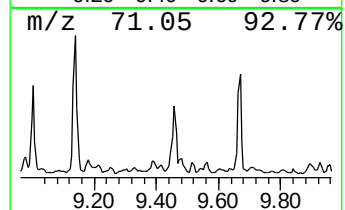
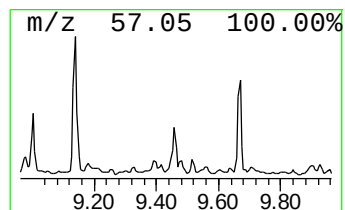
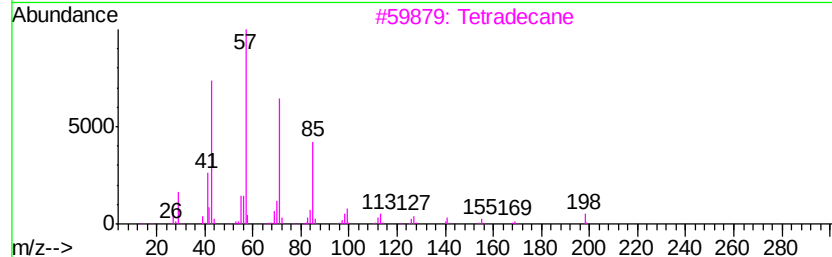
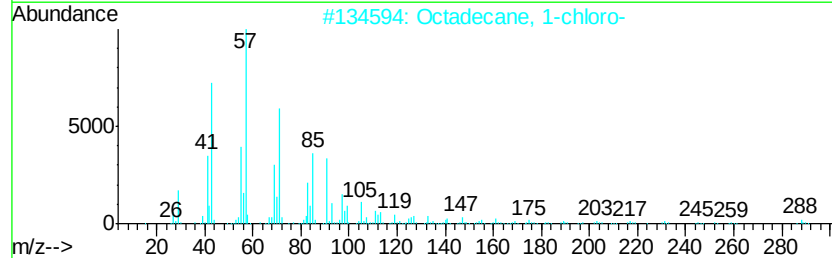
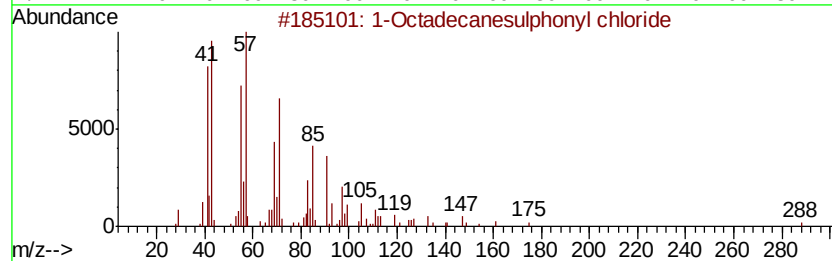
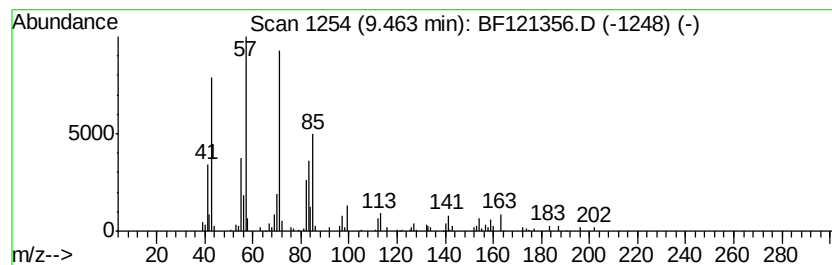
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Octadecanesulphonyl chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.46	4.95 ng	280964	Acenaphthene-d10	9.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
3	Tetradecane	198	C14H30	000629-59-4	64
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
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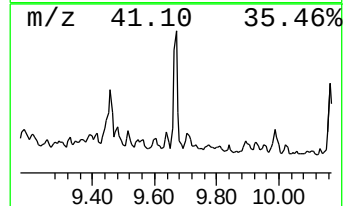
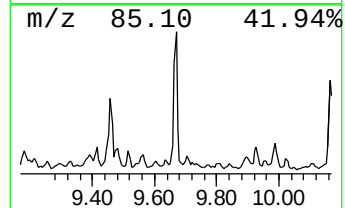
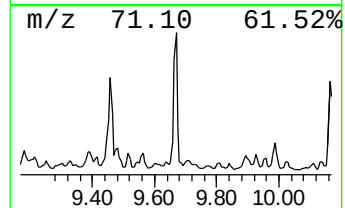
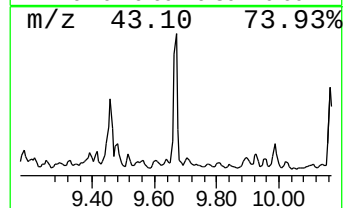
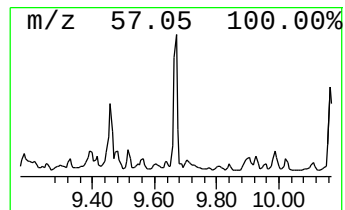
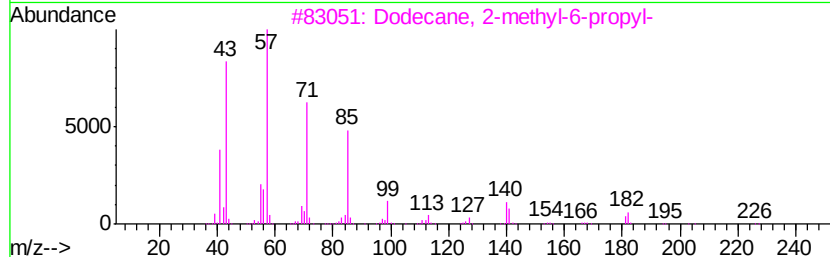
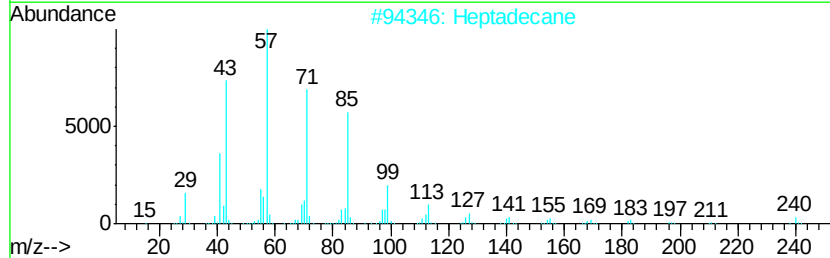
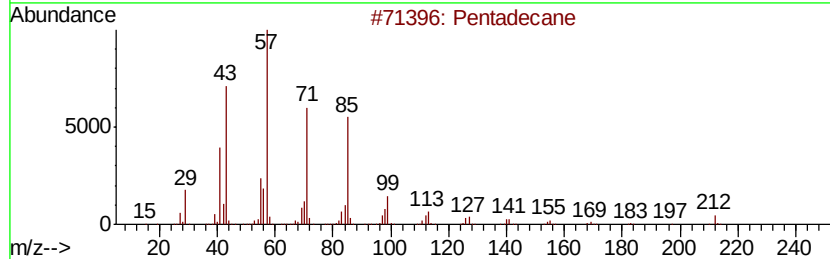
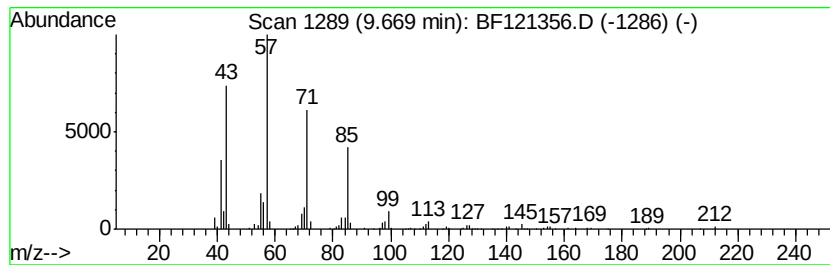
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
9.67	4.67 ng	264997	Acenaphthene-d10	9.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	93
2	Heptadecane	240 C17H36	000629-78-7	90
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	86
4	Tridecane	184 C13H28	000629-50-5	86
5	Heneicosane	296 C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121356.D
Acq On : 20 Aug 2020 19:49
Operator : JU/CG
Sample : L3504-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

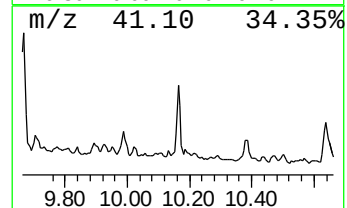
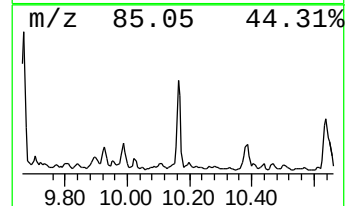
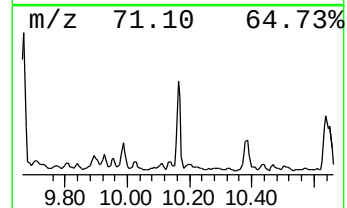
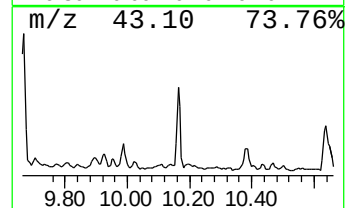
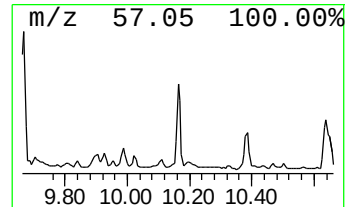
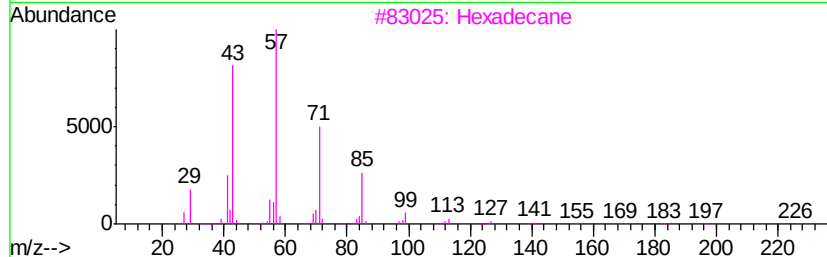
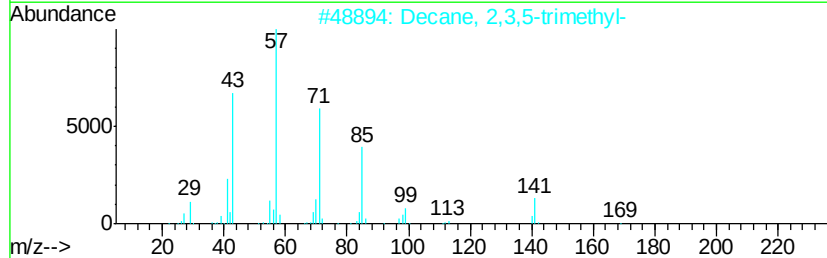
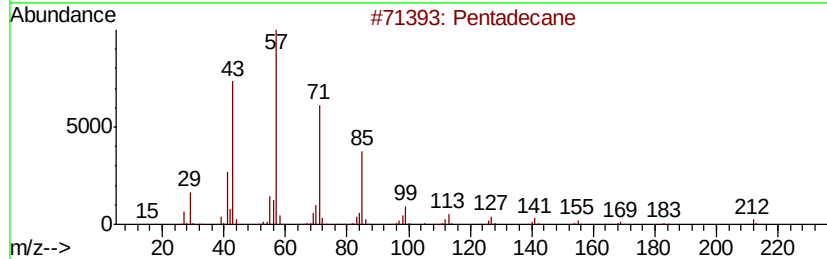
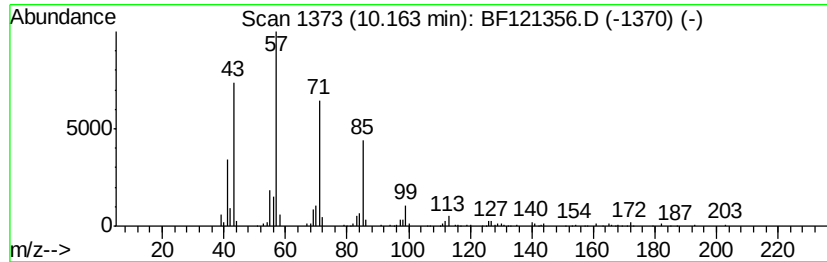
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Decane, 2,3,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.16	2.89 ng	163943	Acenaphthene-d10	9.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59
5	Tridecane	184	C13H28	000629-50-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121356.D
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Sample : L3504-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

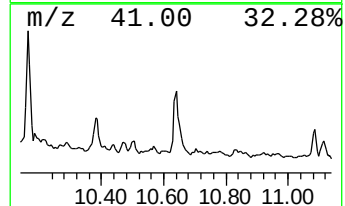
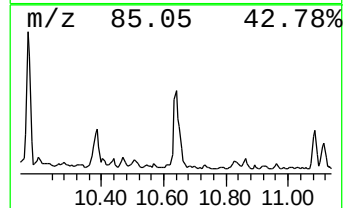
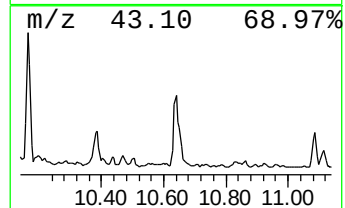
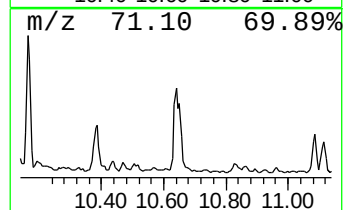
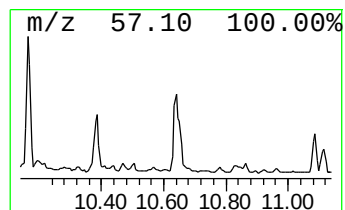
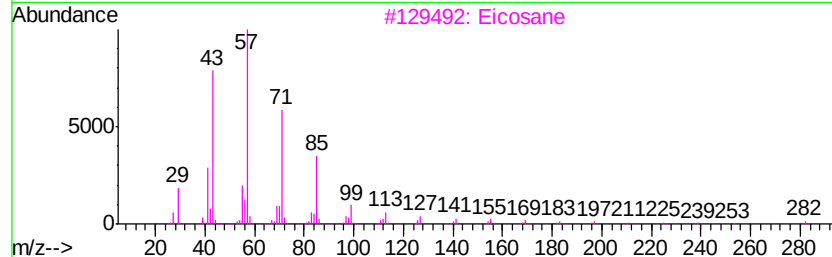
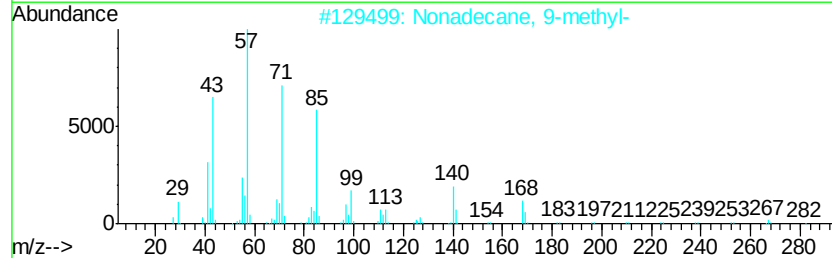
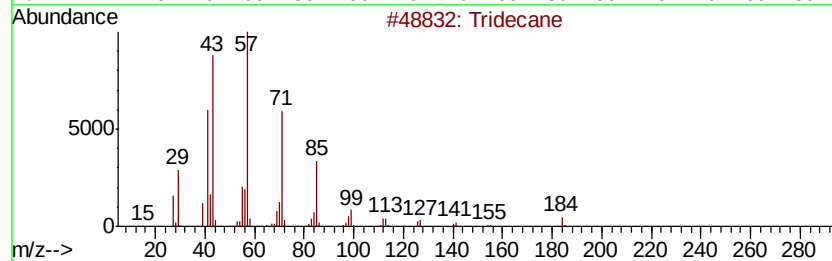
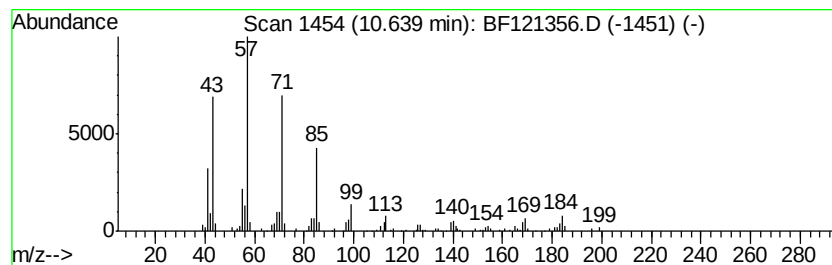
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.64	3.55 ng	196057	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
3	Eicosane	282	C20H42	000112-95-8	80
4	Tetradecane	198	C14H30	000629-59-4	74
5	Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121356.D
Acq On : 20 Aug 2020 19:49
Operator : JU/CG
Sample : L3504-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-081920

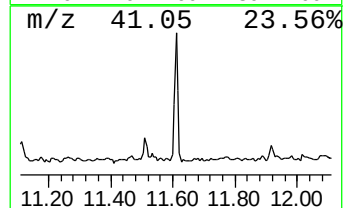
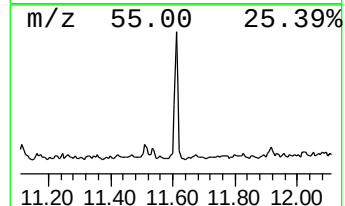
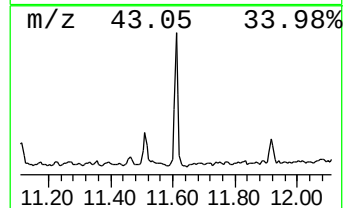
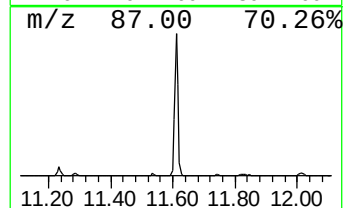
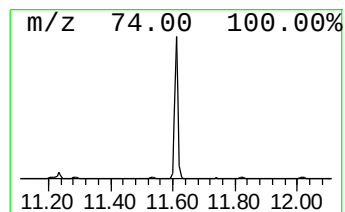
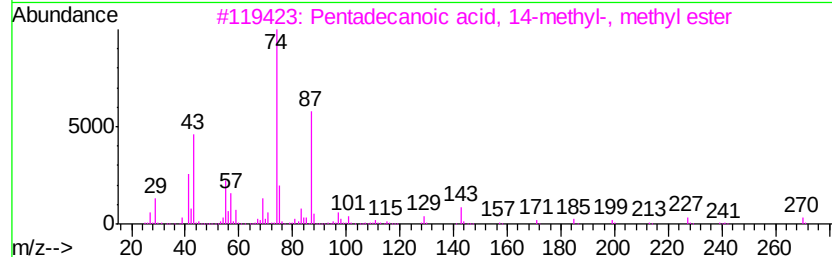
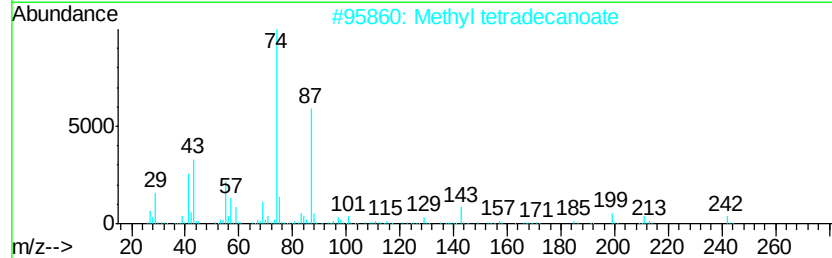
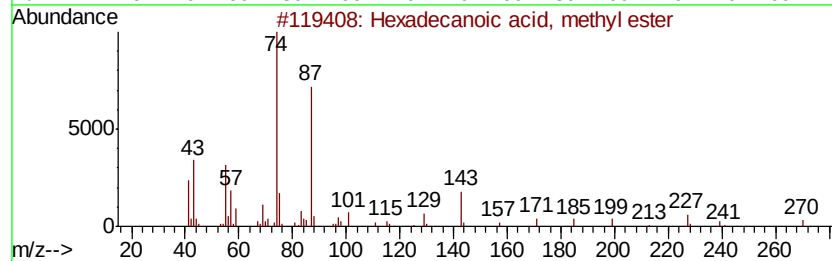
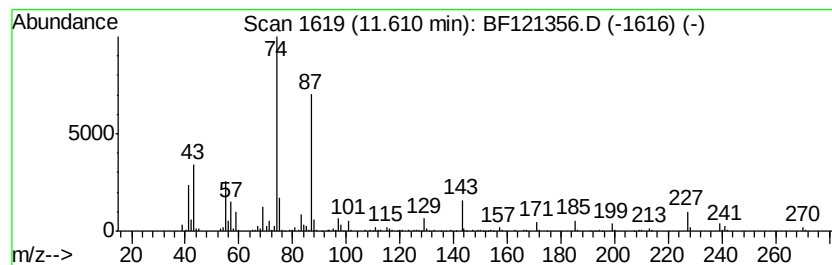
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	4.74 ng	262141	Phenanthrene-d10	11.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121356.D
Acq On : 20 Aug 2020 19:49
Operator : JU/CG
Sample : L3504-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

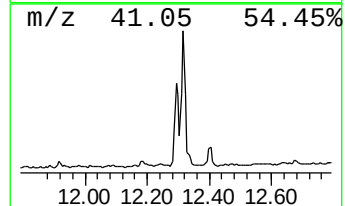
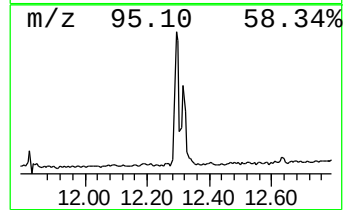
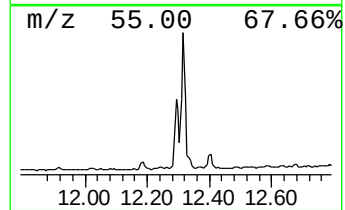
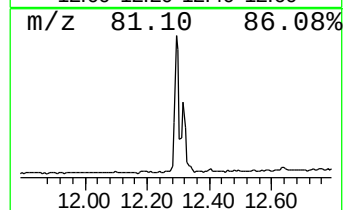
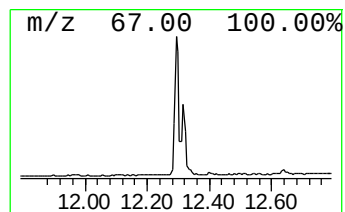
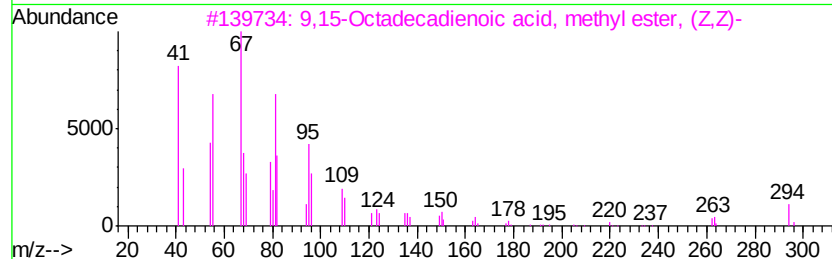
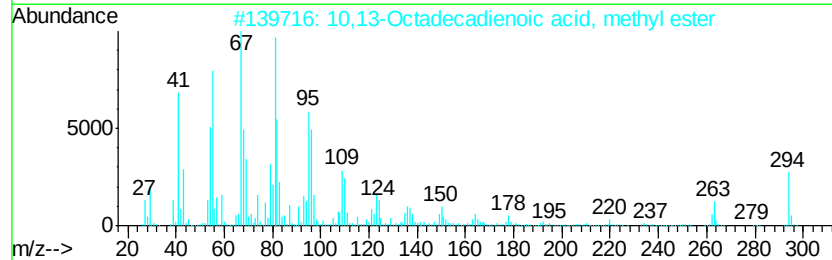
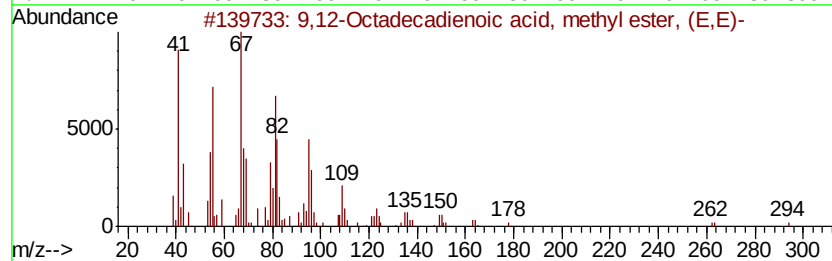
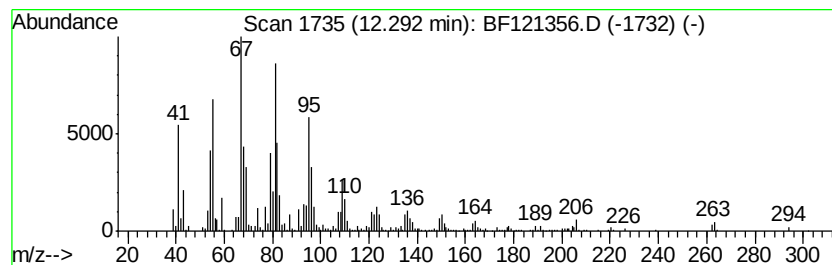
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.29	10.01 ng	553476	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
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Misc :
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ClientSampleId :
EO-01-081920

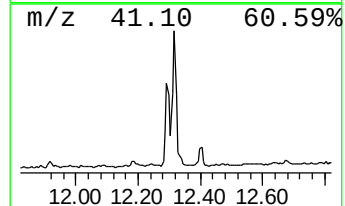
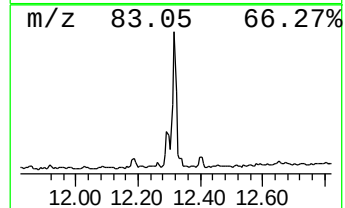
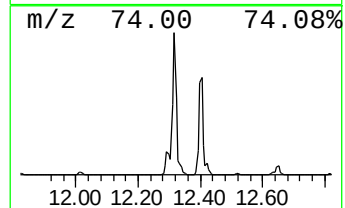
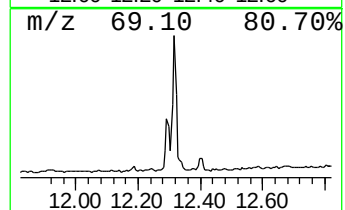
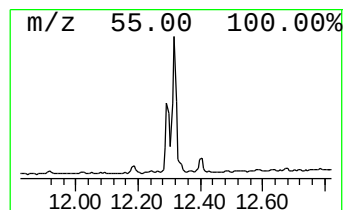
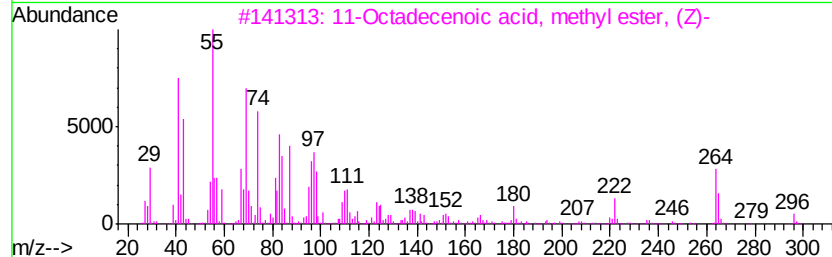
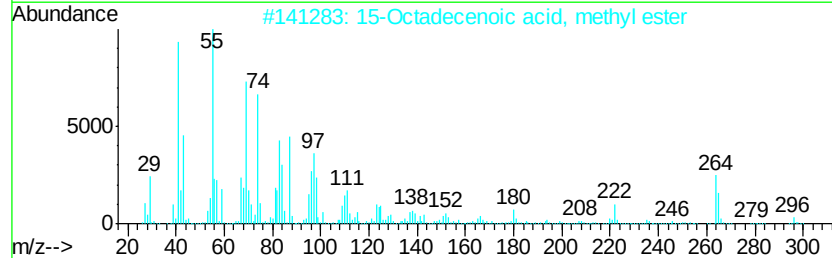
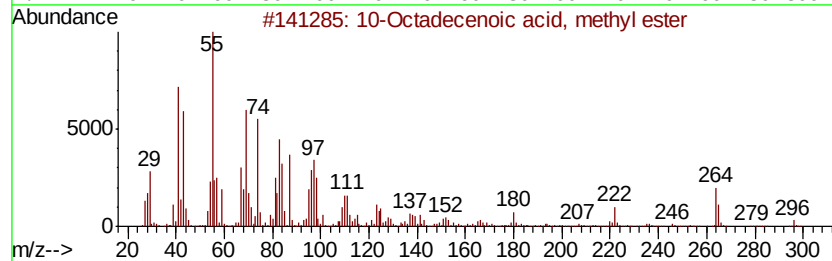
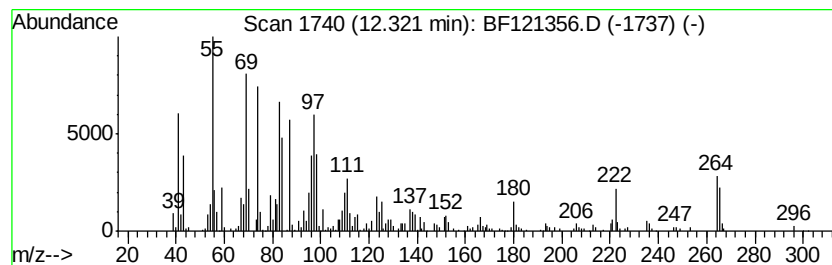
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 10-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	11.12 ng	614952	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3		11-Octadecenoic acid, methyl ester	296	C19H36O2	001937-63-9	99
4		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
5		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082020\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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
Decane	6.53	2.4	ng	97079	1	6.69	824981	20.0
unknown6.97	6.97	2.1	ng	88557	1	6.69	824981	20.0
Cyclohexane, (4-m...	8.27	2.2	ng	153150	2	7.98	1388880	20.0
Sulfurous acid, 2...	8.40	2.8	ng	193407	2	7.98	1388880	20.0
Tridecane	8.57	5.2	ng	362533	2	7.98	1388880	20.0
Dodecane, 2,6,10-...	9.00	3.4	ng	190748	3	9.73	1135530	20.0
1,1'-Biphenyl, 2-...	9.05	8.6	ng	488149	3	9.73	1135530	20.0
Nonadecane	9.14	7.1	ng	405094	3	9.73	1135530	20.0
1-Octadecanesulph...	9.46	5.0	ng	280964	3	9.73	1135530	20.0
Pentadecane	9.67	4.7	ng	264997	3	9.73	1135530	20.0
Decane, 2,3,5-tri...	10.16	2.9	ng	163943	3	9.73	1135530	20.0
Nonadecane, 9-met...	10.64	3.5	ng	196057	4	11.22	1105540	20.0
Hexadecanoic acid...	11.61	4.7	ng	262141	4	11.22	1105540	20.0
9,12-Octadecadien...	12.29	10.0	ng	553476	4	11.22	1105540	20.0
10-Octadecenoic a...	12.32	11.1	ng	614952	4	11.22	1105540	20.0