

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118324.D
 Acq On : 26 Dec 2019 18:51
 Operator : JU
 Sample : K6437-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-5-(5-6)

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-BF122419.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	5.040	498	502	510	rVB	290688	336503	8.00%	0.473%
2	5.457	570	573	584	rBV	1860059	1736420	41.26%	2.443%
3	6.381	726	730	732	rBV2	55617	78220	1.86%	0.110%
4	6.481	743	747	752	rBV	2151117	1910465	45.40%	2.688%
5	6.616	767	770	774	rVB	2282329	2025586	48.13%	2.850%
6	6.769	792	796	801	rBV6	47192	74235	1.76%	0.104%
7	6.851	806	810	815	rVV2	665800	697319	16.57%	0.981%
8	6.904	815	819	822	rVB3	87349	112853	2.68%	0.159%
9	6.963	827	829	832	rBV	112485	94022	2.23%	0.132%
10	7.004	832	836	839	rBV	1881956	1614695	38.37%	2.272%
11	7.075	846	848	851	rVV3	108355	89058	2.12%	0.125%
12	7.116	851	855	860	rVB6	68995	114474	2.72%	0.161%
13	7.198	865	869	871	rBV	80799	75492	1.79%	0.106%
14	7.245	874	877	879	rBV4	113308	97896	2.33%	0.138%
15	7.387	894	901	903	rBV4	180695	319923	7.60%	0.450%
16	7.410	903	905	912	rVV	1147169	1252315	29.76%	1.762%
17	7.498	915	920	923	rBV4	200988	278316	6.61%	0.392%
18	7.551	923	929	933	rBV4	148931	265308	6.30%	0.373%
19	7.628	939	942	944	rBV2	242909	202583	4.81%	0.285%
20	7.657	944	947	950	rVB3	261852	240930	5.73%	0.339%
21	7.734	956	960	962	rBV3	228962	277455	6.59%	0.390%
22	7.751	962	963	965	rVB	175328	80357	1.91%	0.113%
23	7.775	965	967	970	rBV2	378255	274114	6.51%	0.386%
24	7.839	976	978	982	rBV3	71153	91950	2.18%	0.129%
25	7.892	982	987	989	rBV3	166837	229215	5.45%	0.322%
26	7.951	993	997	1001	rBV5	193877	289542	6.88%	0.407%
27	8.004	1004	1006	1009	rBV3	116648	148666	3.53%	0.209%
28	8.039	1009	1012	1016	rBV5	107000	130911	3.11%	0.184%
29	8.086	1016	1020	1023	rBV5	338411	499120	11.86%	0.702%
30	8.116	1023	1025	1026	rBV2	170091	131537	3.13%	0.185%
31	8.139	1026	1029	1031	rVB	877689	716107	17.02%	1.007%
32	8.198	1035	1039	1041	rVB	941765	895997	21.29%	1.261%
33	8.222	1041	1043	1044	rBV	307039	244571	5.81%	0.344%
34	8.286	1051	1054	1056	rBV2	288429	352023	8.37%	0.495%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.310	1056	1058	1060	rVV2	172833	154606	3.67%	0.218%
36	8.339	1060	1063	1065	rVV2	266217	272759	6.48%	0.384%
37	8.363	1065	1067	1071	rVB3	232363	234119	5.56%	0.329%
38	8.404	1071	1074	1076	rBV3	290694	330727	7.86%	0.465%
39	8.428	1076	1078	1080	rBV2	544469	447397	10.63%	0.629%
40	8.481	1085	1087	1091	rVV4	429395	478142	11.36%	0.673%
41	8.522	1091	1094	1097	rVV3	344277	425522	10.11%	0.599%
42	8.557	1097	1100	1102	rVV	1621091	1470561	34.94%	2.069%
43	8.581	1102	1104	1106	rVV3	614084	664742	15.80%	0.935%
44	8.598	1106	1107	1110	rVB2	479120	312024	7.41%	0.439%
45	8.645	1113	1115	1117	rVB2	268822	200999	4.78%	0.283%
46	8.681	1117	1121	1125	rBV4	355227	589163	14.00%	0.829%
47	8.728	1126	1129	1133	rVV4	499620	633765	15.06%	0.892%
48	8.769	1133	1136	1138	rVV4	519226	652139	15.50%	0.917%
49	8.792	1138	1140	1142	rVV3	557721	661613	15.72%	0.931%
50	8.822	1142	1145	1149	rVB	952976	1278069	30.37%	1.798%
51	8.857	1149	1151	1152	rBV2	244228	202516	4.81%	0.285%
52	8.886	1154	1156	1159	rVB2	386967	320844	7.62%	0.451%
53	8.922	1159	1162	1164	rBV4	476007	598610	14.22%	0.842%
54	8.945	1164	1166	1168	rVB2	353572	271539	6.45%	0.382%
55	8.992	1171	1174	1175	rBV	396997	341032	8.10%	0.480%
56	9.016	1175	1178	1181	rVV4	531460	803794	19.10%	1.131%
57	9.045	1181	1183	1188	rVB2	822090	972922	23.12%	1.369%
58	9.104	1191	1193	1196	rVV3	272145	279713	6.65%	0.394%
59	9.133	1196	1198	1200	rVV	318144	275567	6.55%	0.388%
60	9.163	1200	1203	1206	rVV	2609577	2090556	49.68%	2.941%
61	9.216	1209	1212	1214	rVV	2946796	2168500	51.53%	3.051%
62	9.304	1225	1227	1231	rVB2	570059	452145	10.74%	0.636%
63	9.339	1231	1233	1235	rBV2	542226	432416	10.28%	0.608%
64	9.416	1243	1246	1248	rVB3	531483	494498	11.75%	0.696%
65	9.463	1251	1254	1256	rVV3	474549	555882	13.21%	0.782%
66	9.486	1256	1258	1261	rVV	766914	686366	16.31%	0.966%
67	9.533	1263	1266	1268	rVV3	583608	745948	17.73%	1.049%
68	9.575	1271	1273	1276	rVV2	649876	684177	16.26%	0.963%
69	9.622	1276	1281	1283	rVV	4508016	4208282	100.00%	5.920%
70	9.645	1283	1285	1288	rVB2	768694	727414	17.29%	1.023%
71	9.710	1293	1296	1297	rBV2	355142	383926	9.12%	0.540%

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72	9.769	1302	1306	1308	rBV4	403239	548458	13.03%	0.772%
73	9.798	1308	1311	1316	rBV5	474656	825003	19.60%	1.161%
74	9.869	1321	1323	1326	rVV	981348	1078160	25.62%	1.517%
75	9.898	1326	1328	1332	rVB2	1161426	1003149	23.84%	1.411%
76	9.933	1332	1334	1336	rBV	631480	450066	10.69%	0.633%
77	10.004	1343	1346	1351	rVB3	588560	492846	11.71%	0.693%
78	10.057	1351	1355	1358	rBV6	477761	879330	20.90%	1.237%
79	10.092	1358	1361	1363	rVB	666900	594705	14.13%	0.837%
80	10.157	1368	1372	1375	rBV2	995002	1186446	28.19%	1.669%
81	10.216	1380	1382	1384	rBV2	308179	313512	7.45%	0.441%
82	10.275	1389	1392	1395	rVB2	813986	887241	21.08%	1.248%
83	10.316	1395	1399	1404	rBV4	439673	998970	23.74%	1.405%
84	10.386	1409	1411	1415	rVB2	507400	564227	13.41%	0.794%
85	10.551	1435	1439	1442	rVB	2843578	2855831	67.86%	4.018%
86	10.645	1452	1455	1457	rBV2	293652	401667	9.54%	0.565%
87	10.669	1457	1459	1461	rVV	381147	293235	6.97%	0.413%
88	10.692	1461	1463	1466	rVV	1737010	1434800	34.09%	2.019%
89	10.822	1480	1485	1488	rBV	3803819	4130258	98.15%	5.811%
90	11.280	1560	1563	1569	rVB	1579564	1764537	41.93%	2.482%
91	11.392	1579	1582	1585	rBV	1241340	1088042	25.85%	1.531%
92	11.633	1620	1623	1626	rVB	467161	443703	10.54%	0.624%
93	11.916	1668	1671	1678	rVB3	326569	349619	8.31%	0.492%
94	12.010	1684	1687	1694	rVB2	307140	391372	9.30%	0.551%
95	12.610	1786	1789	1792	rBV	427220	356929	8.48%	0.502%
96	12.839	1825	1828	1834	rVB	821954	746558	17.74%	1.050%
97	12.980	1848	1852	1855	rVB	2694538	2191300	52.07%	3.083%
98	13.880	2003	2005	2011	rVB2	266326	330765	7.86%	0.465%
99	14.045	2029	2033	2036	rBV	947693	993102	23.60%	1.397%
100	15.539	2284	2287	2297	rVB	714572	1007236	23.93%	1.417%

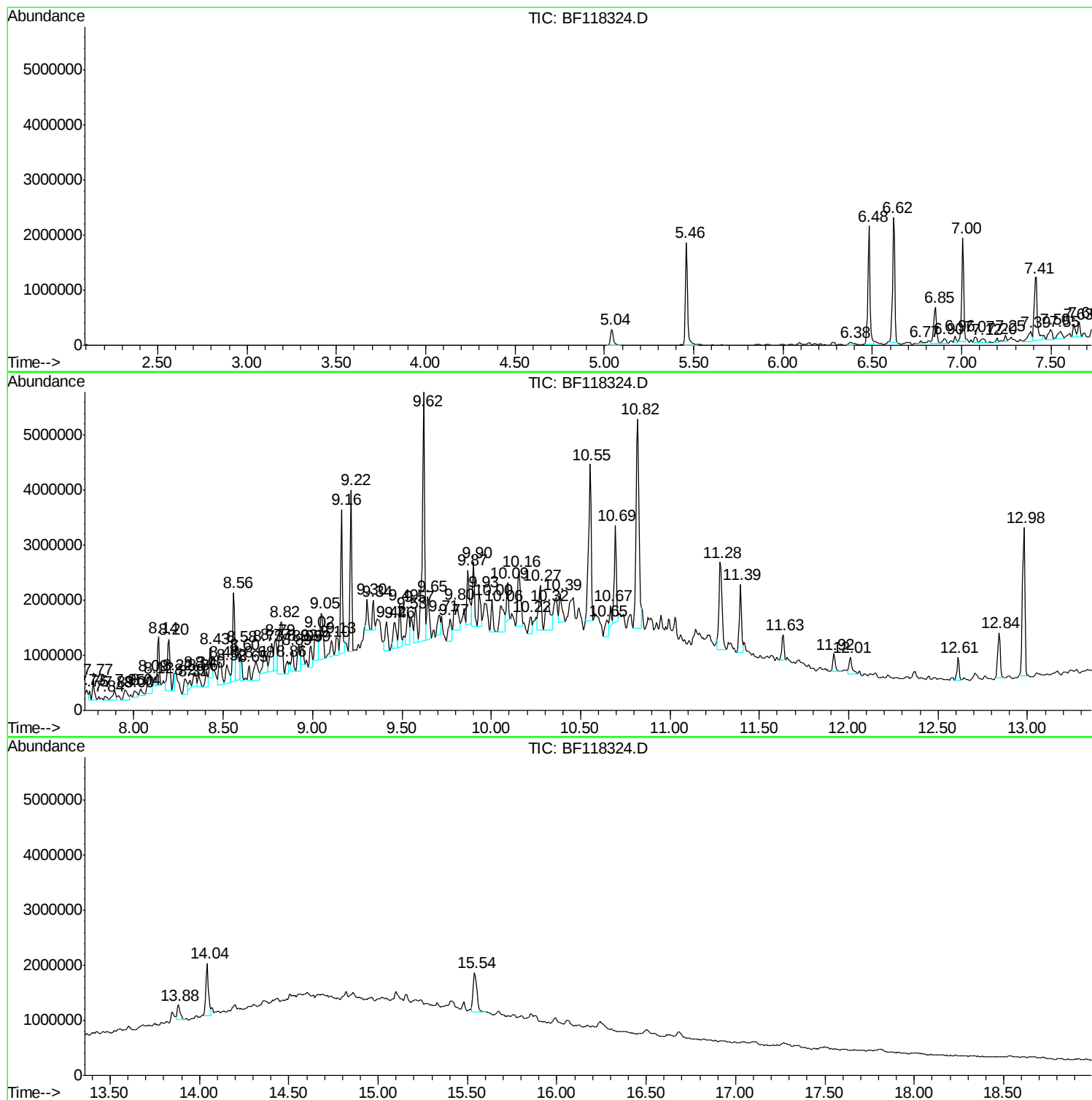
Sum of corrected areas: 71082239

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Instrument :
BNA_F
ClientSampleId :
GP-5-(5-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.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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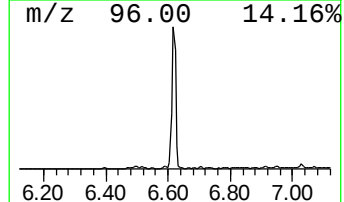
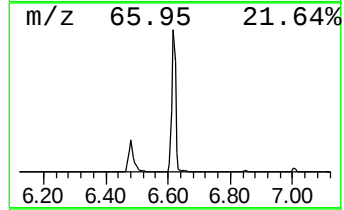
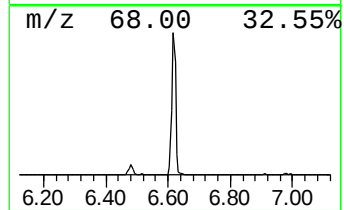
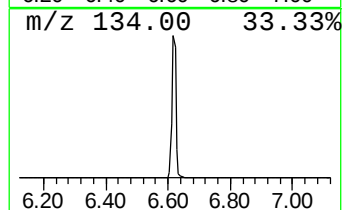
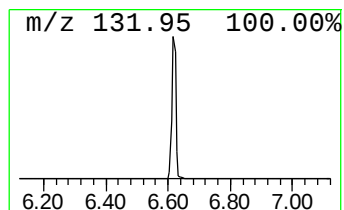
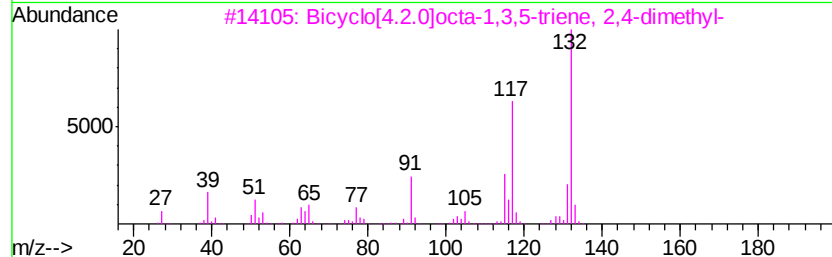
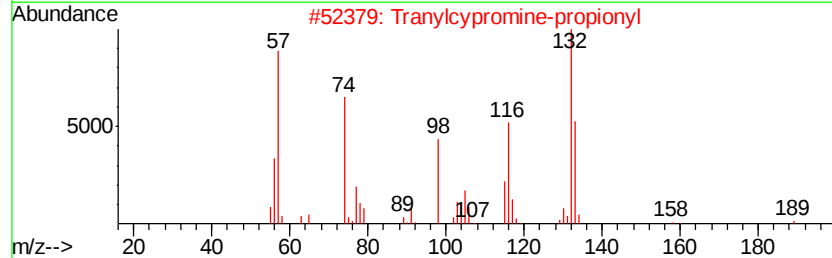
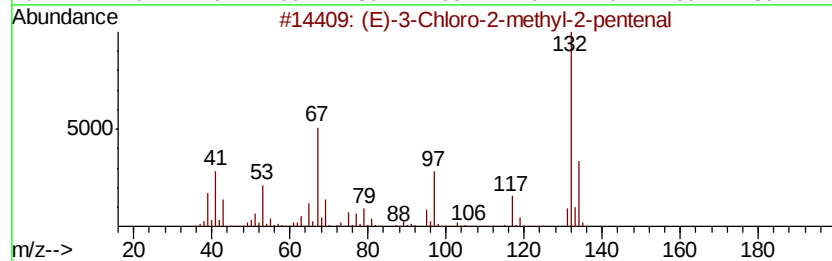
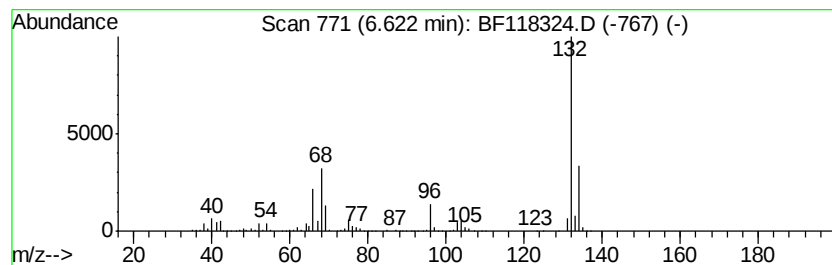
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	58.10 ng	2025590	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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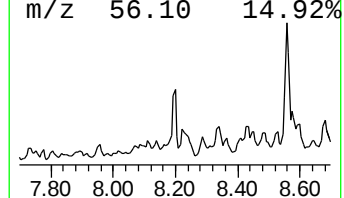
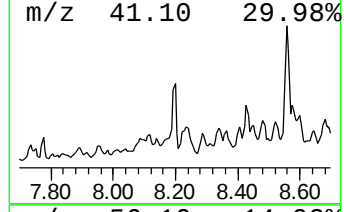
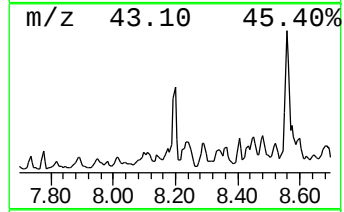
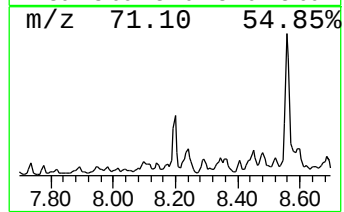
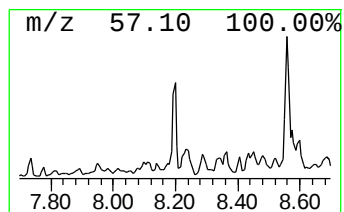
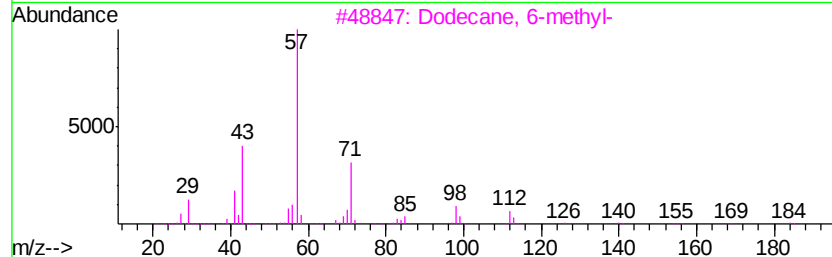
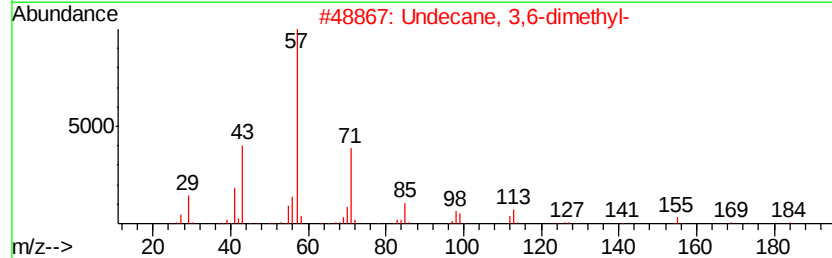
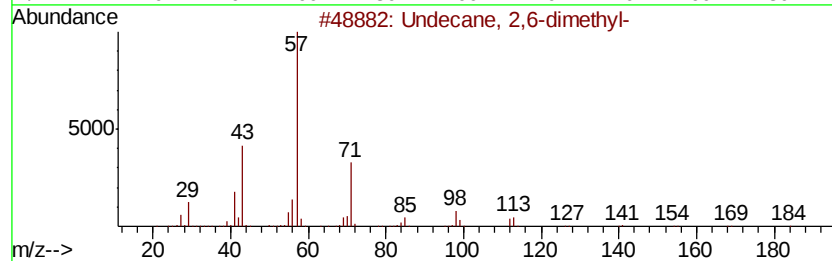
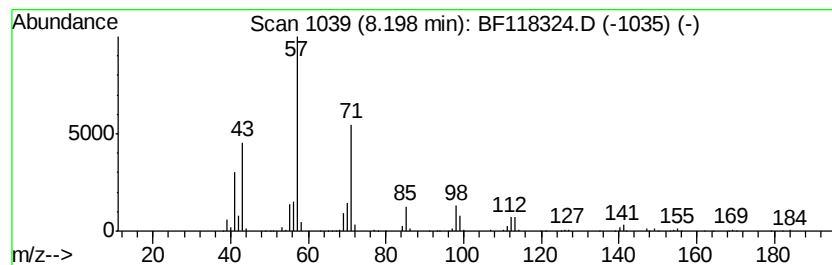
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Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 9

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8.20	25.02 ng	895997	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	62
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	58
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53



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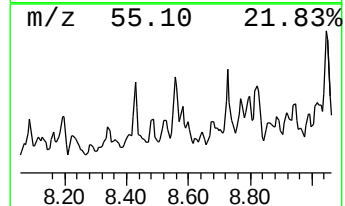
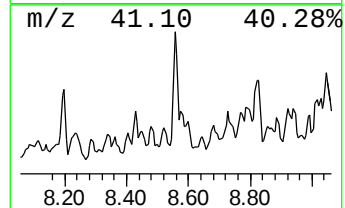
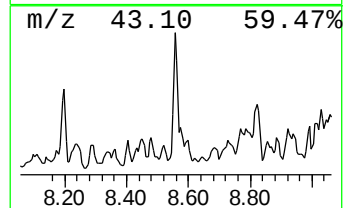
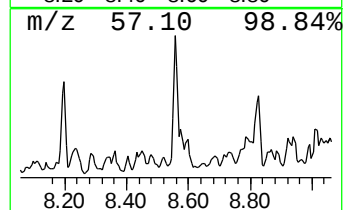
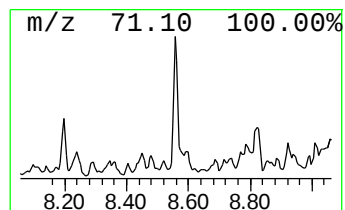
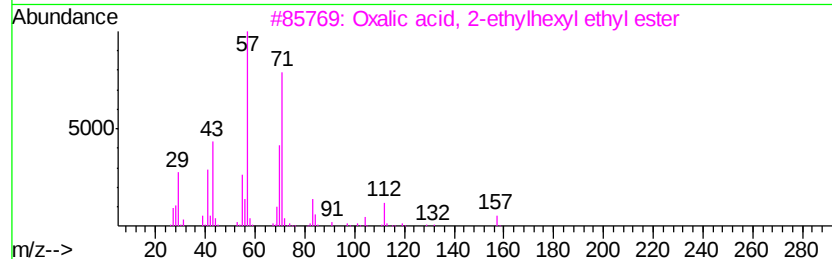
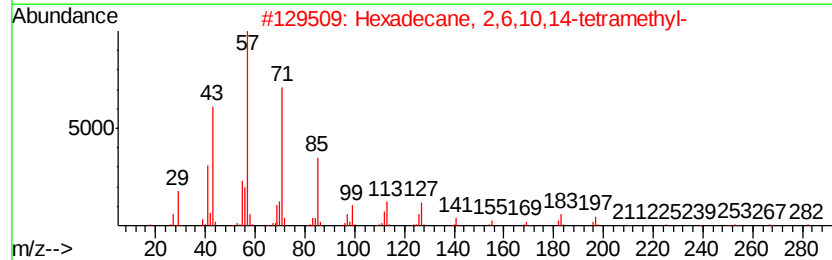
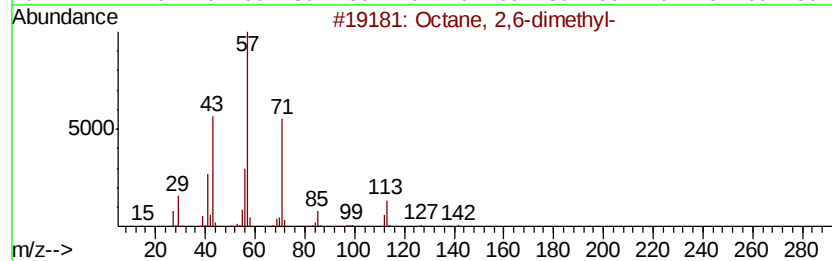
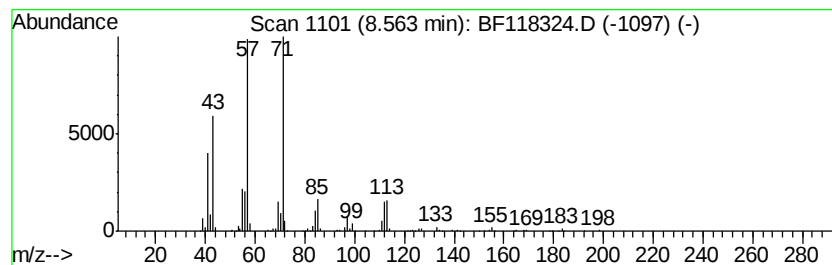
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	41.07 ng	1470560	Naphthalene-d8	8.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3		Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64



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Data File : BF118324.D
Acq On : 26 Dec 2019 18:51
Operator : JU
Sample : K6437-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP-5-(5-6)

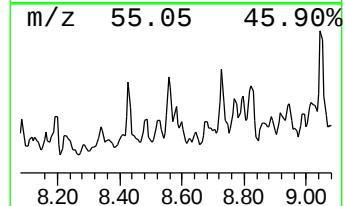
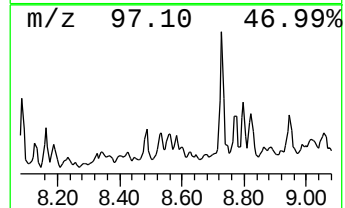
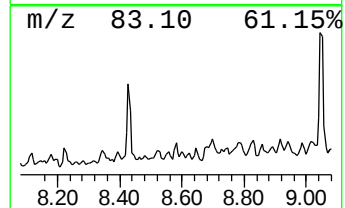
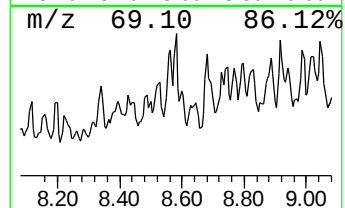
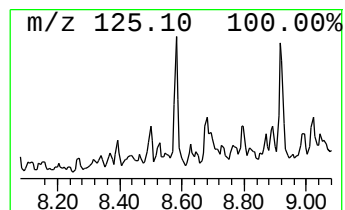
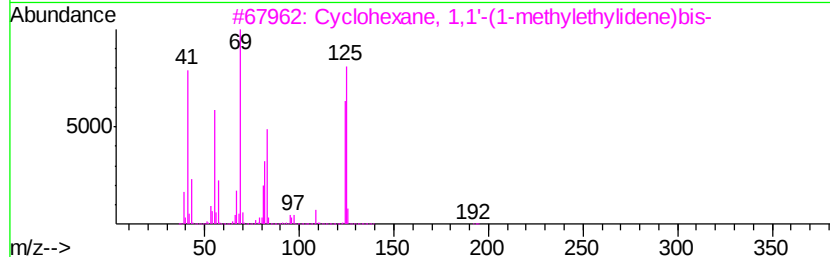
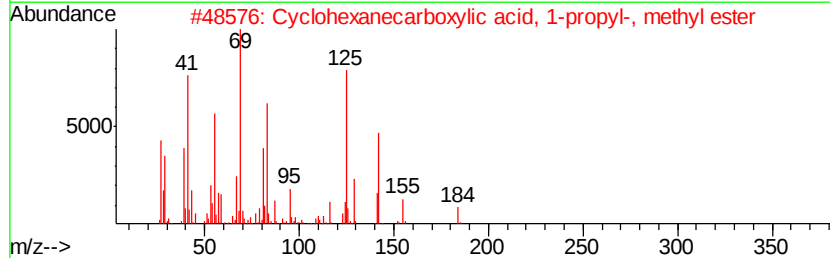
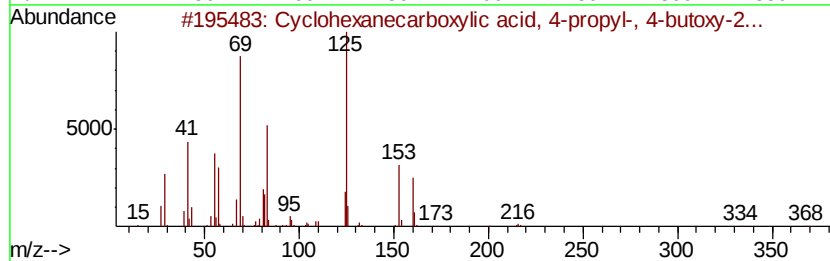
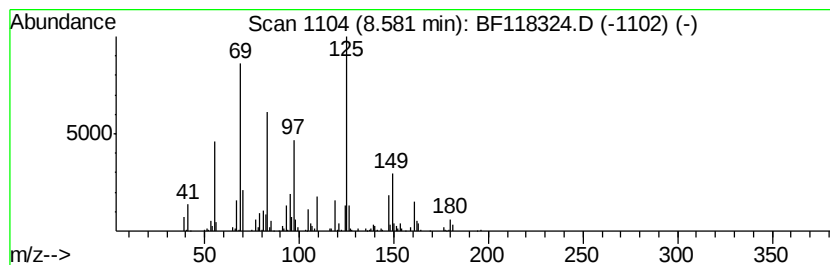
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexanecarboxylic acid,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	18.57 ng	664742	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanecarboxylic acid, 4-pr...	368	C22H28N2O3	075941-67-2	50
2		Cyclohexanecarboxylic acid, 1-pr...	184	C11H20O2	004630-86-8	47
3		Cyclohexane, 1,1'-(1-methylethyl)...	208	C15H28	054934-90-6	40
4		Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	40
5		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	40



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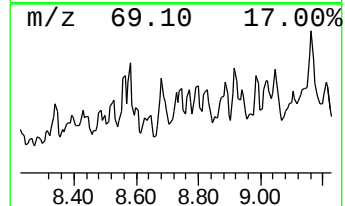
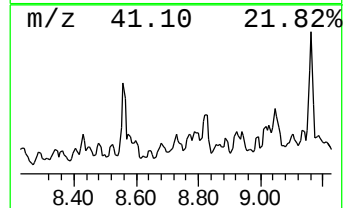
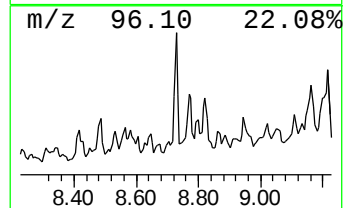
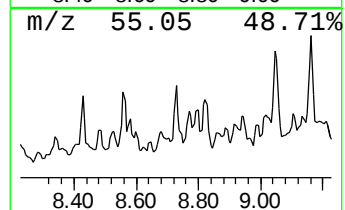
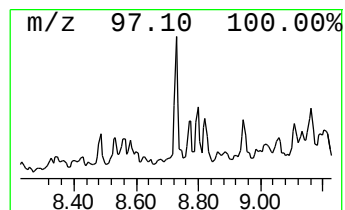
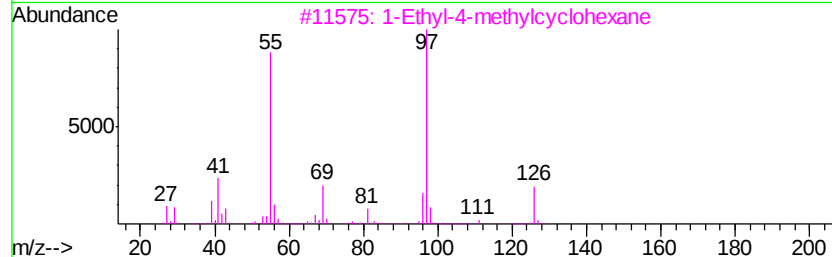
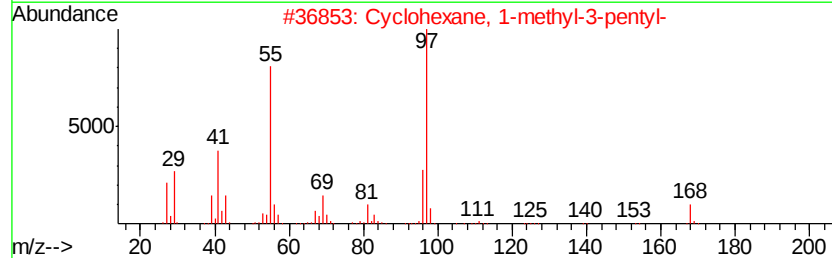
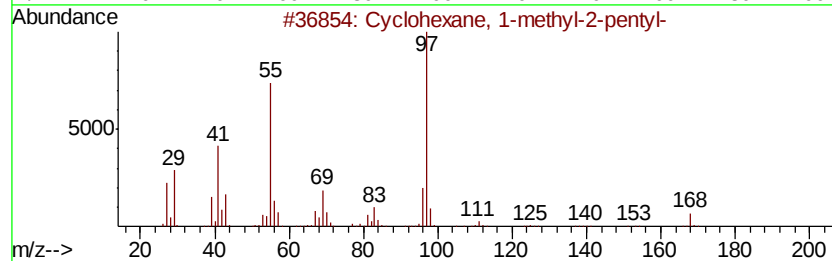
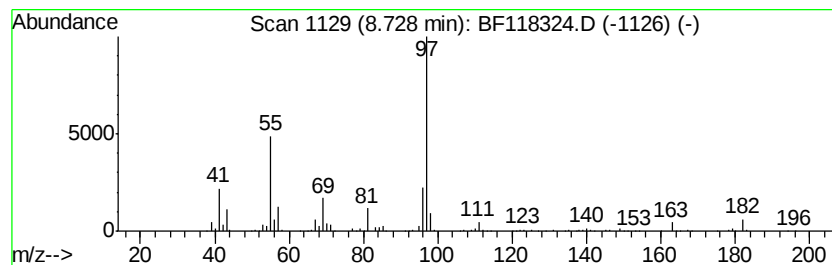
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, 1-methyl-2-pen... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	17.70 ng	633765	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	72
2		Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	72
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
4		Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
5		Succinic acid, di(2-methylcycloh...	310	C18H30O4	1000329-83-0	59



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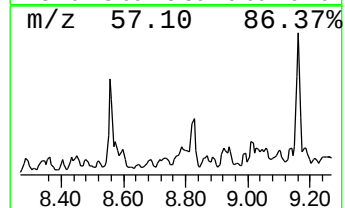
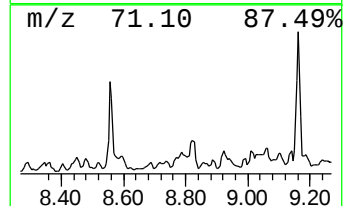
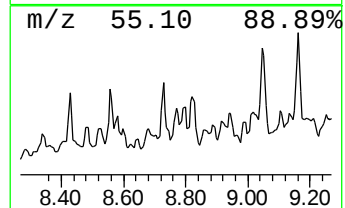
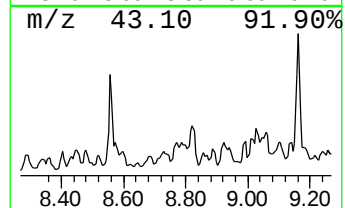
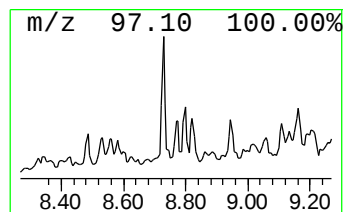
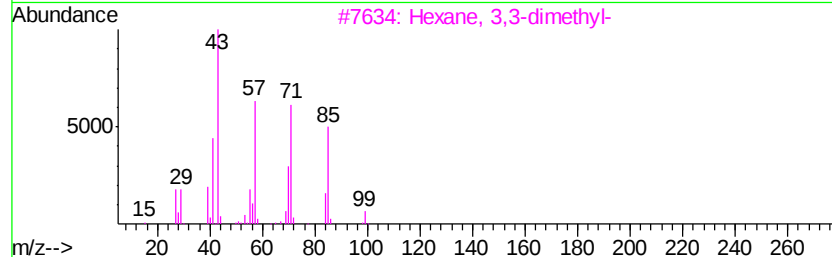
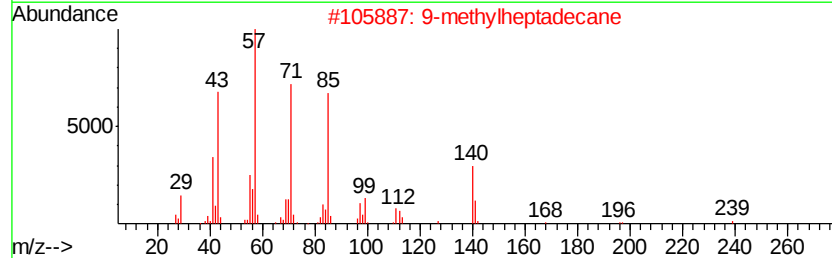
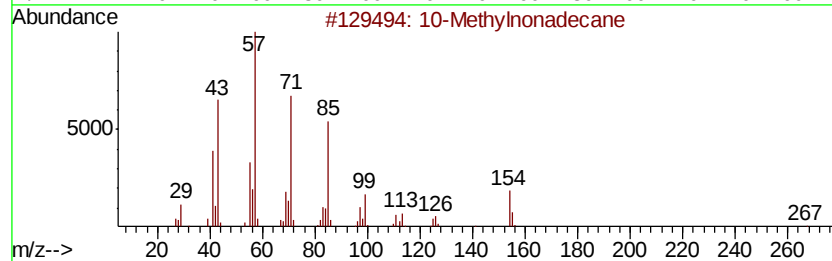
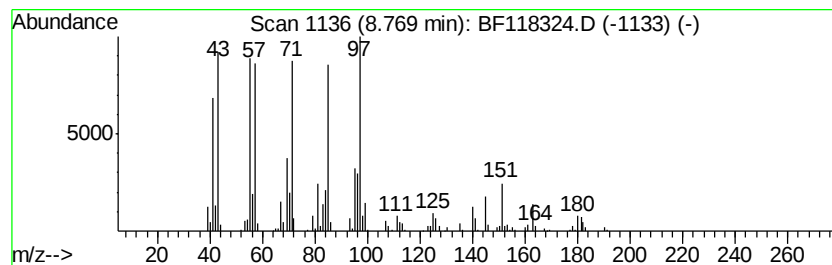
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.77 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	18.21 ng	652139	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	43
2		9-methylheptadecane	254	C18H38	026741-18-4	38
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
4		3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	25
5		Nonadecane	268	C19H40	000629-92-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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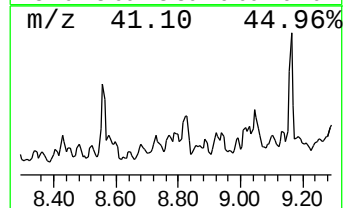
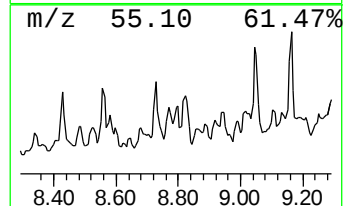
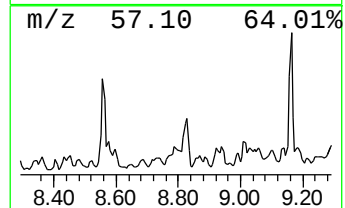
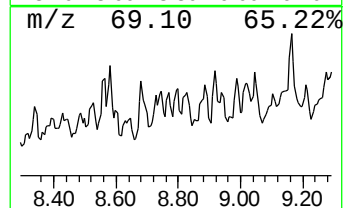
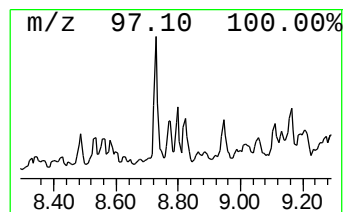
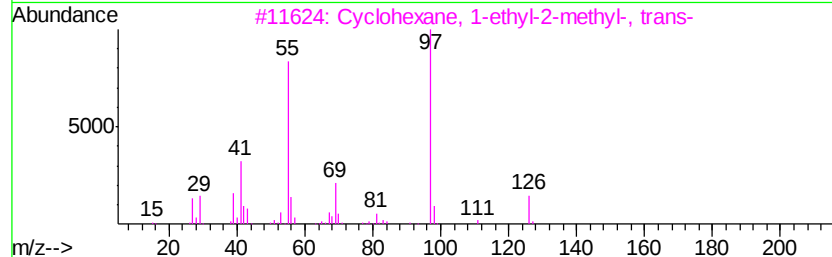
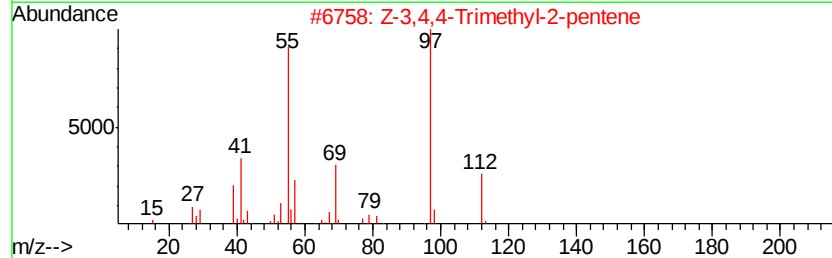
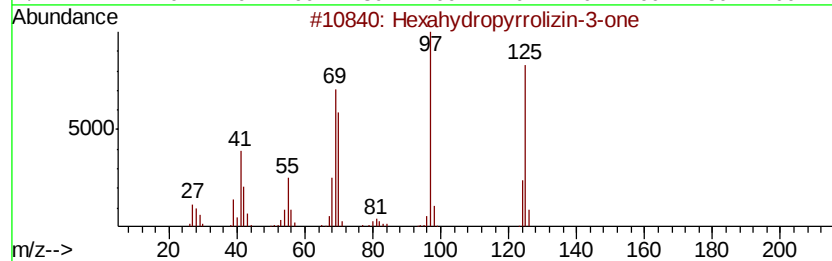
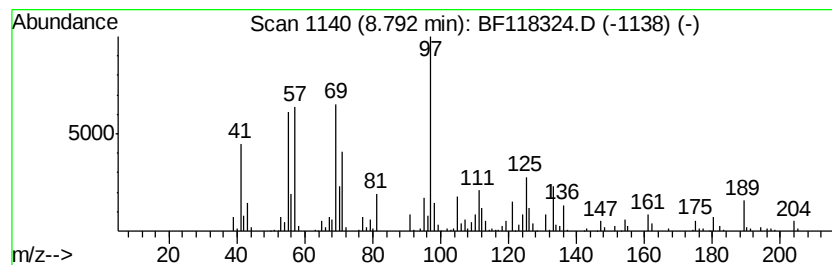
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown8.79 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	18.48 ng	661613	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexahydropyrrolizin-3-one	125	C7H11NO	126424-83-7	35
2		Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	30
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	30
4		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	27
5		Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	27



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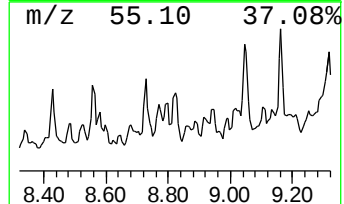
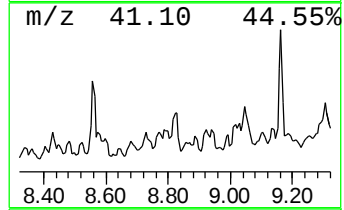
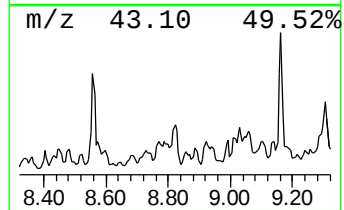
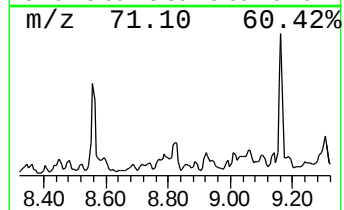
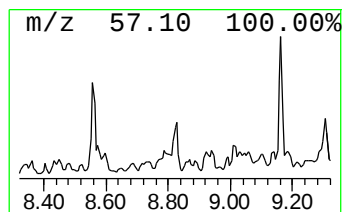
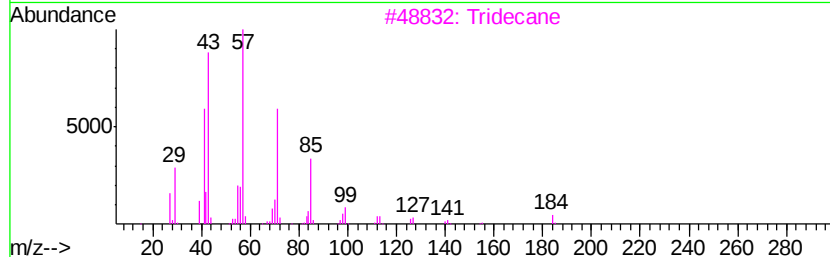
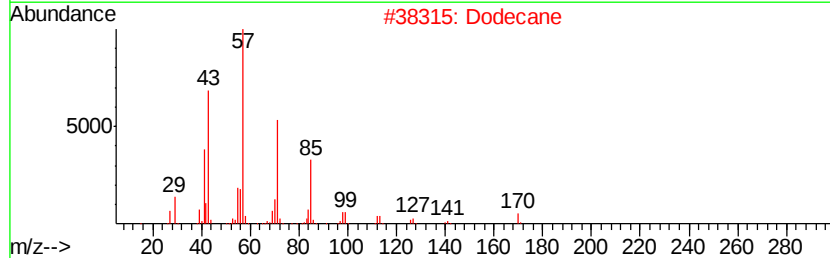
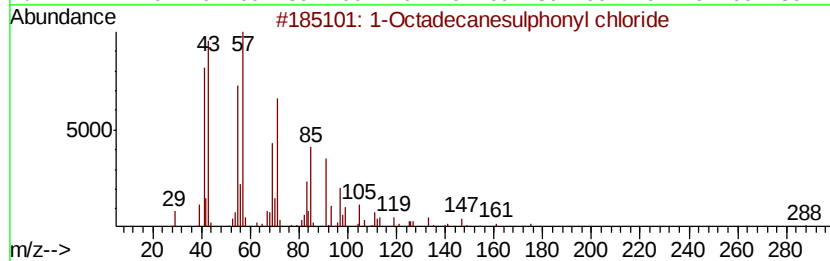
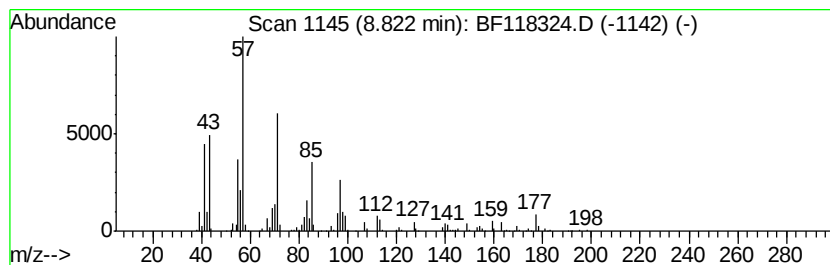
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 9 1-Octadecanesulphonyl chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	35.69 ng	1278070	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	68
2		Dodecane	170	C12H26	000112-40-3	58
3		Tridecane	184	C13H28	000629-50-5	53
4		Tritetracontane	605	C43H88	007098-21-7	52
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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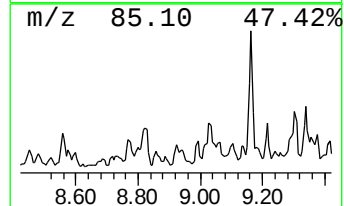
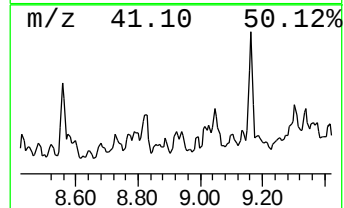
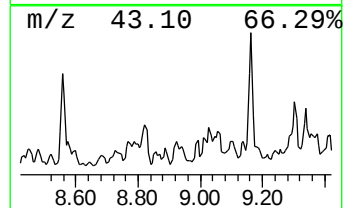
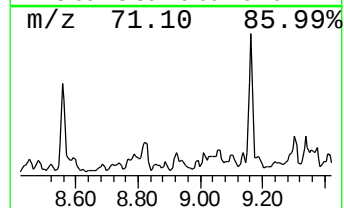
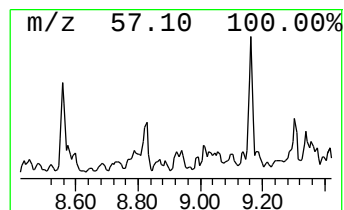
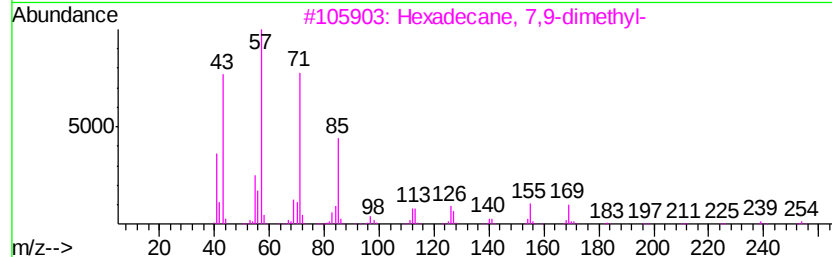
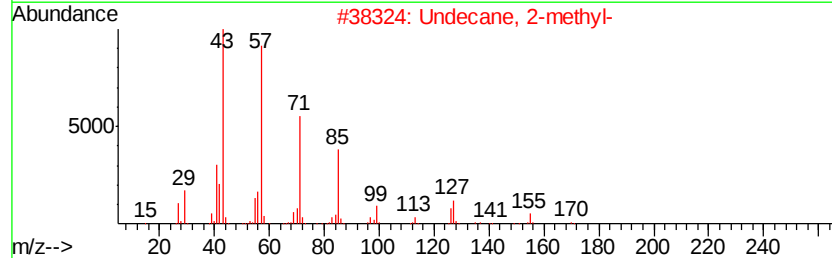
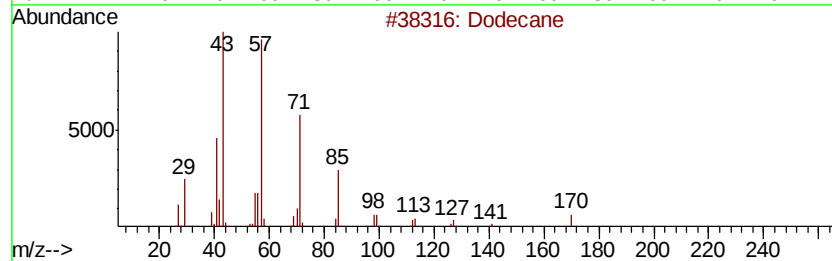
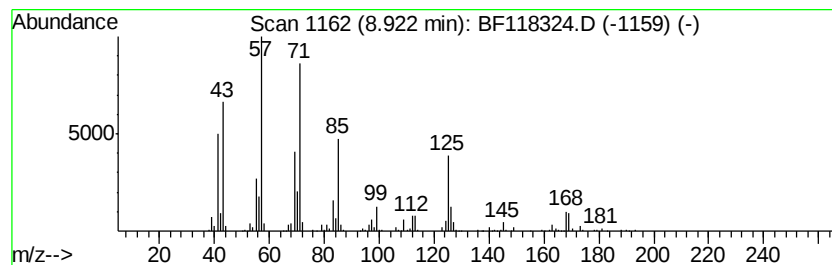
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	16.72 ng	598610	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	64
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	58
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	58
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	49



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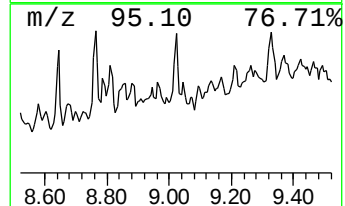
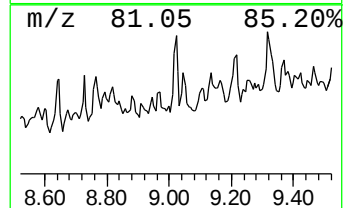
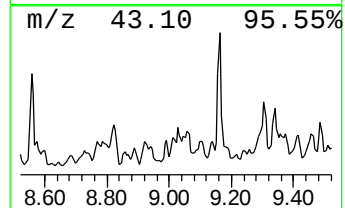
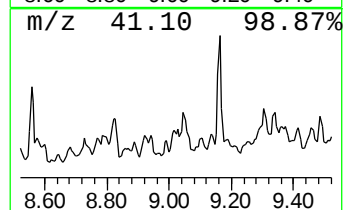
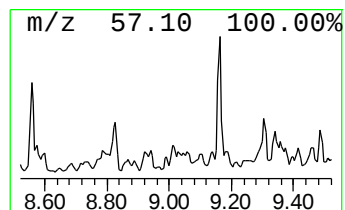
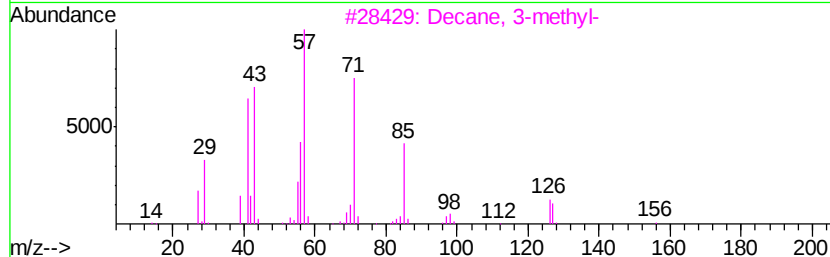
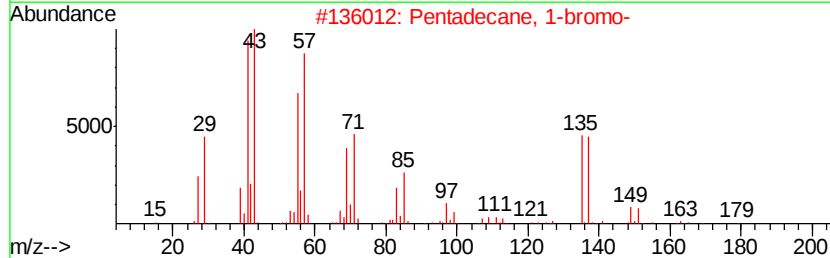
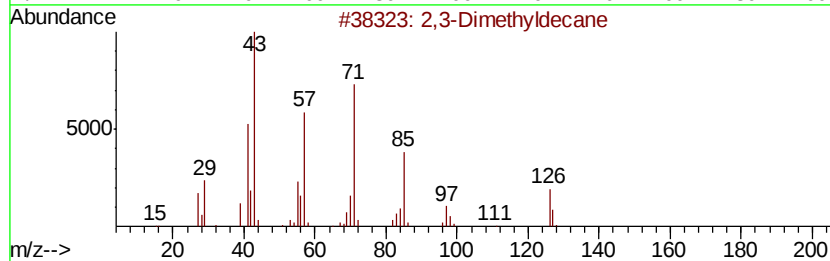
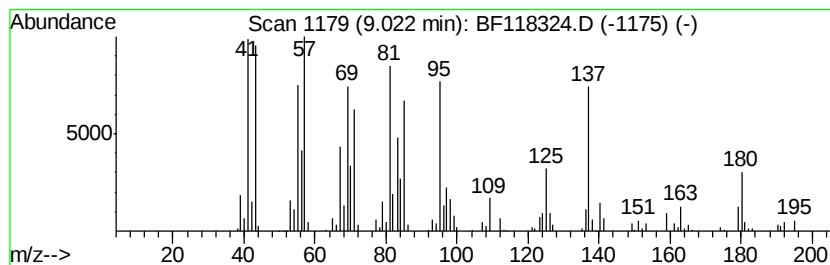
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	22.45 ng	803794	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Dimethyldecane	170	C12H26	017312-44-6	38
2		Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	27
3		Decane, 3-methyl-	156	C11H24	013151-34-3	27
4		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	27
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118324.D
Acq On : 26 Dec 2019 18:51
Operator : JU
Sample : K6437-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-5-(5-6)

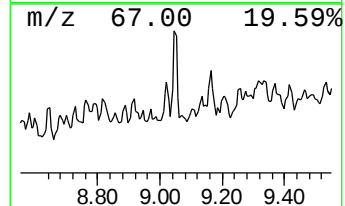
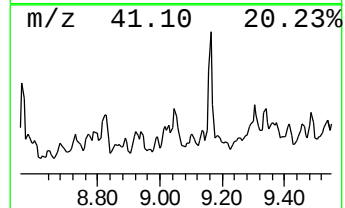
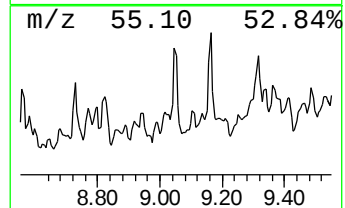
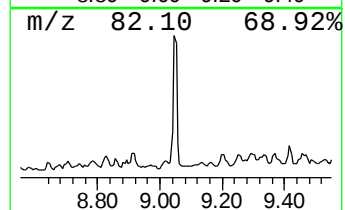
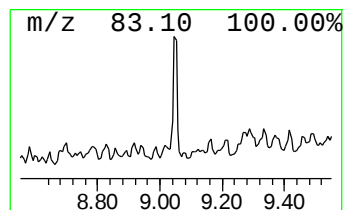
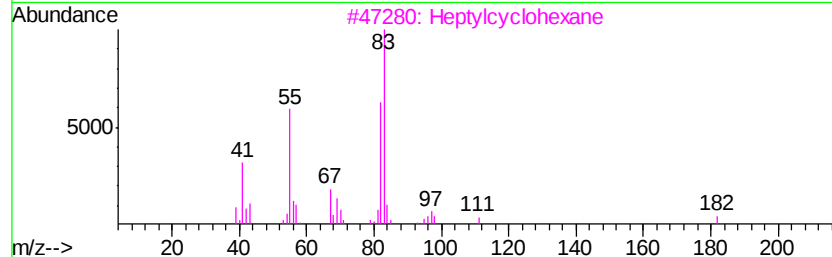
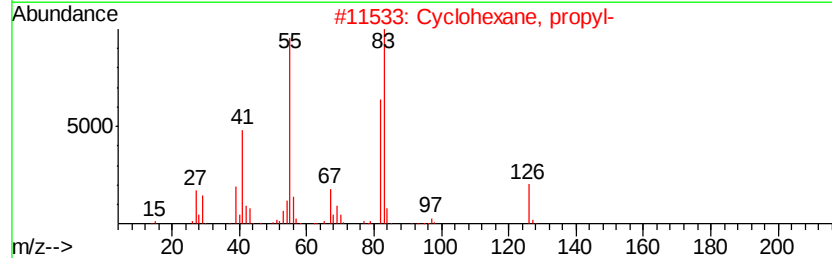
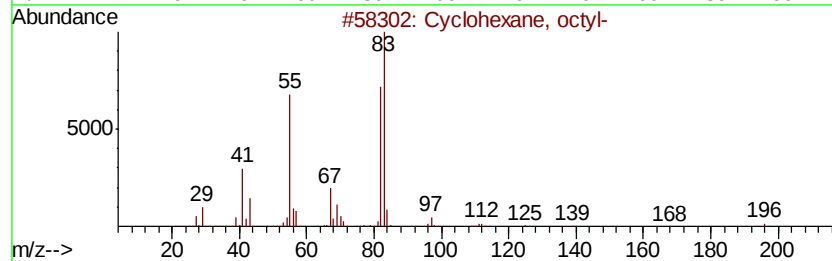
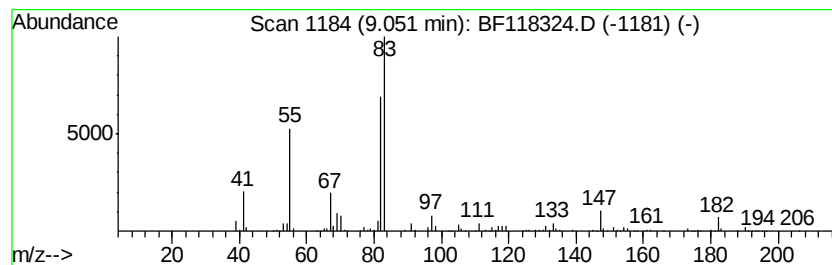
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexane, octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	19.40 ng	972922	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	78
3		Heptylcyclohexane	182	C13H26	005617-41-4	78
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	78
5		Cyclohexane, hexyl-	168	C12H24	004292-75-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118324.D
 Acq On : 26 Dec 2019 18:51
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 ClientSampleId :
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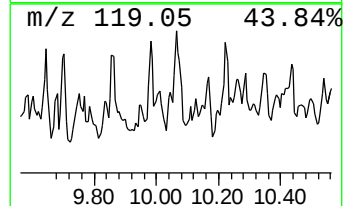
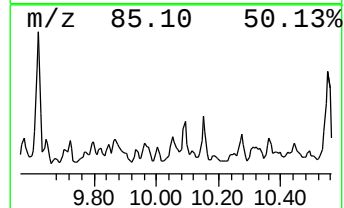
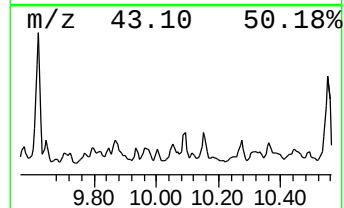
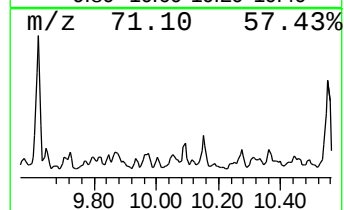
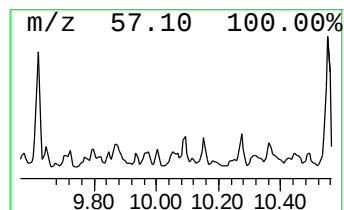
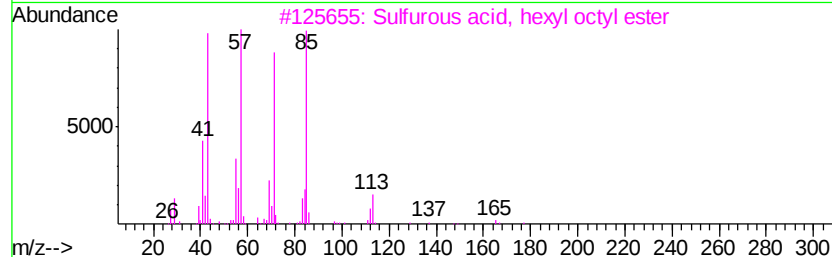
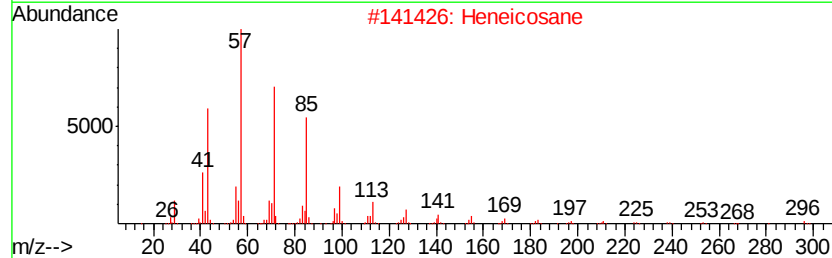
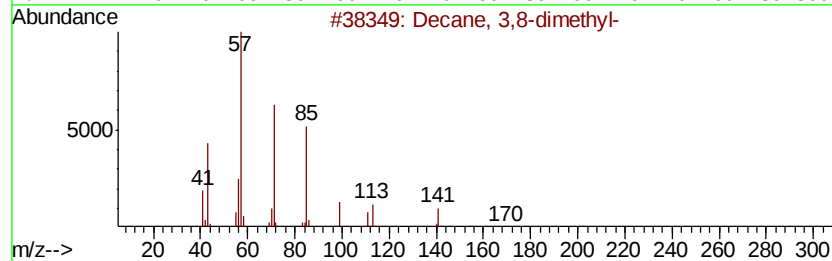
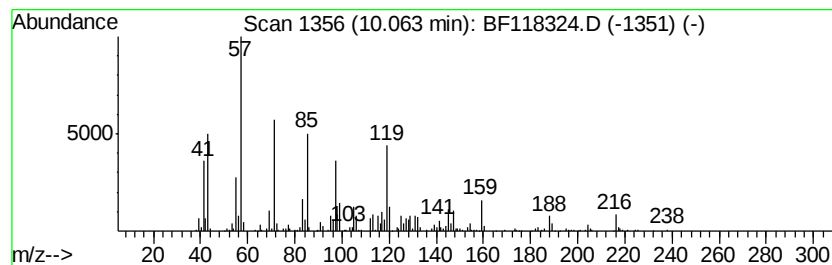
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 Decane, 3,8-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	17.53 ng	879330	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
2		Heneicosane	296	C21H44	000629-94-7	58
3		Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	58
4		Hexadecane	226	C16H34	000544-76-3	58
5		Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118324.D
 Acq On : 26 Dec 2019 18:51
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Instrument :
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 ClientSampleId :
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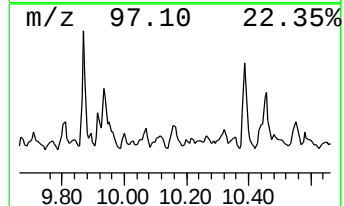
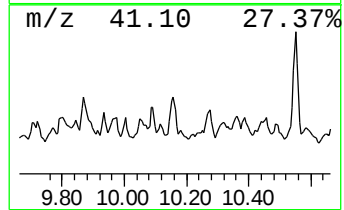
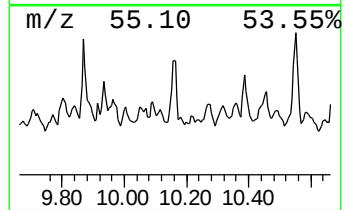
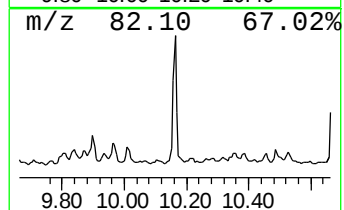
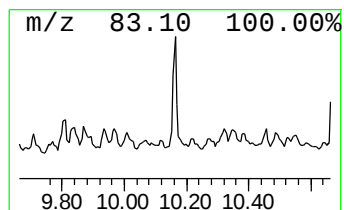
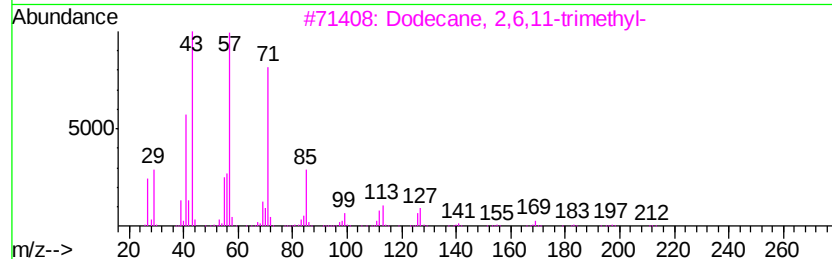
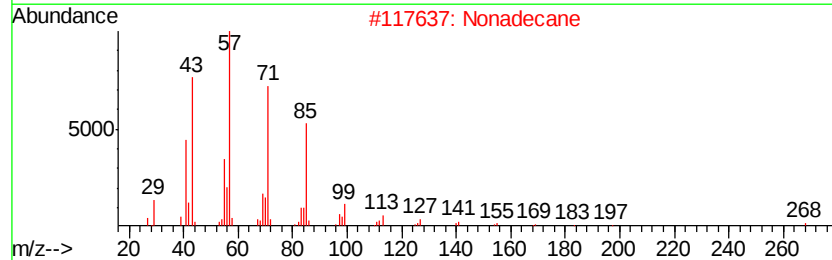
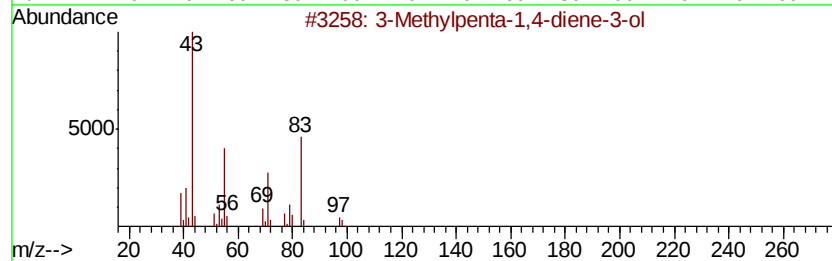
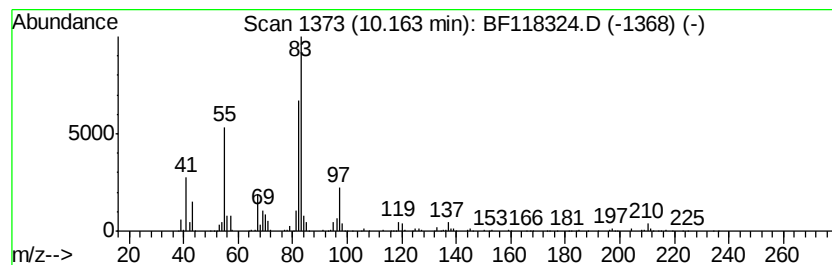
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 unknown10.16 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	23.65 ng	1186450	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylpenta-1,4-diene-3-ol	98	C6H10O	000918-86-5	43
2		Nonadecane	268	C19H40	000629-92-5	43
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	42
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	42
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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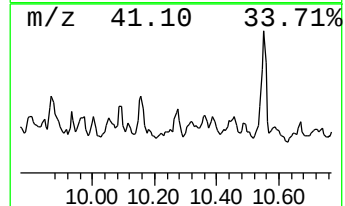
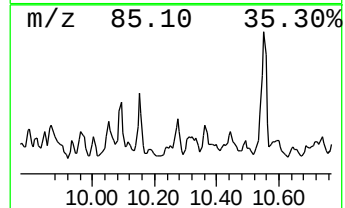
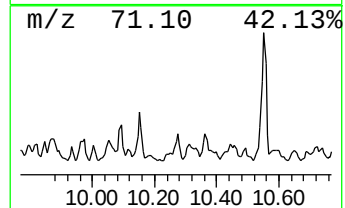
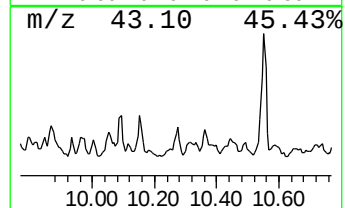
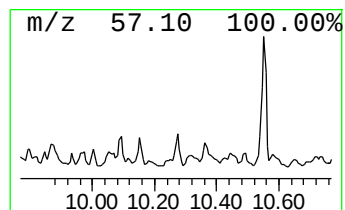
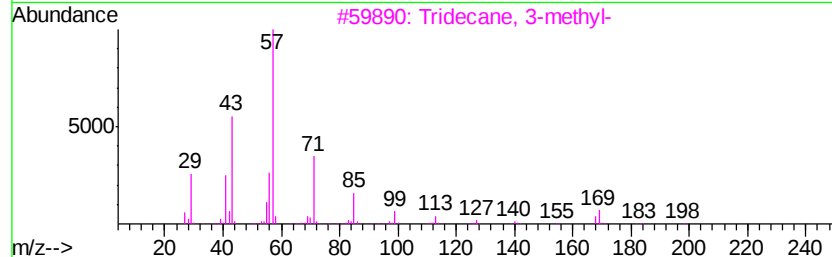
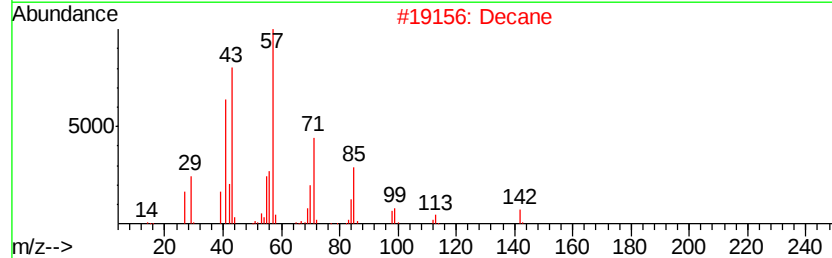
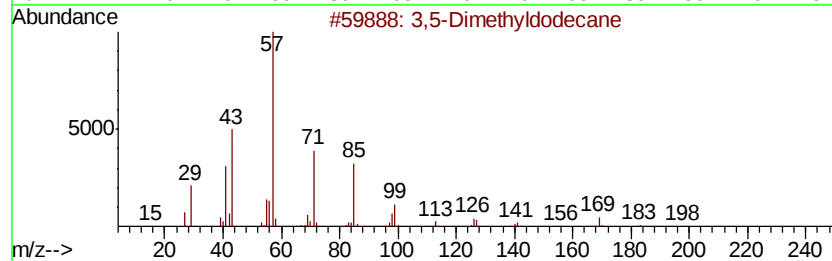
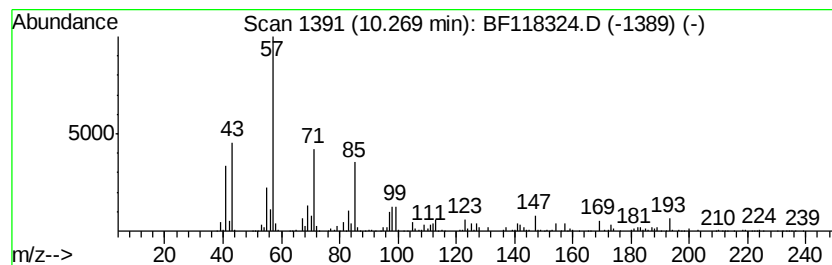
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3,5-Dimethyldodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.27	17.69 ng	887241	Acenaphthene-d10		9.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	87
2	Decane	142	C10H22	000124-18-5	72
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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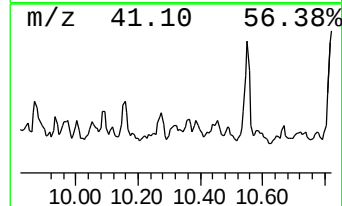
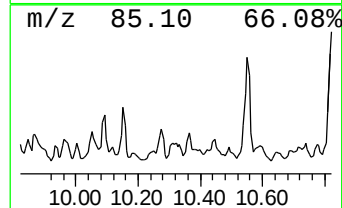
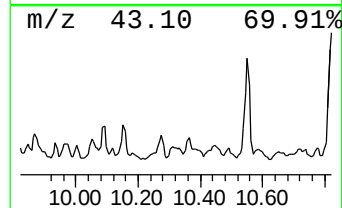
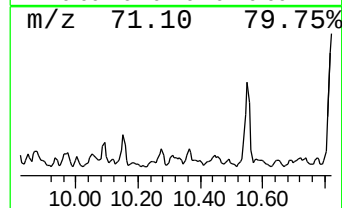
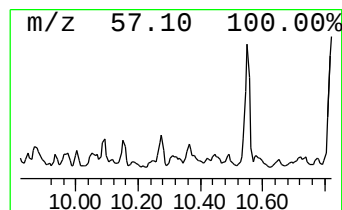
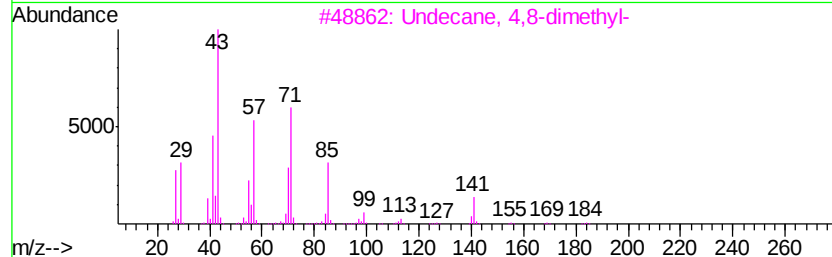
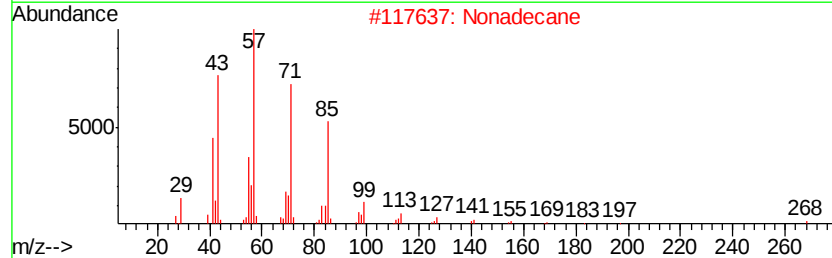
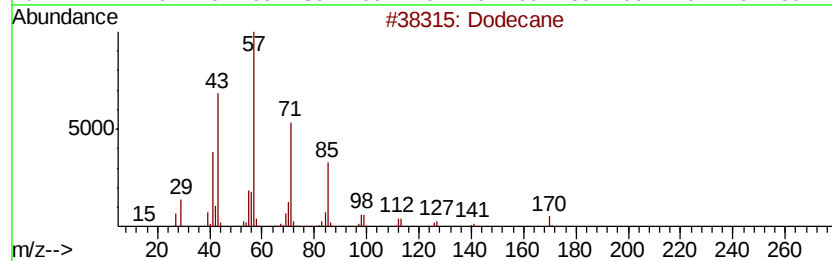
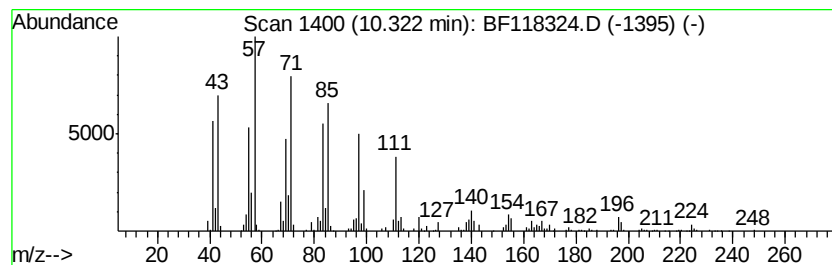
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.32	19.92 ng	998970	Acenaphthene-d10		9.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	64
2	Nonadecane	268	C19H40	000629-92-5	58
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	55
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	55
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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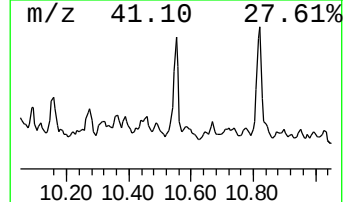
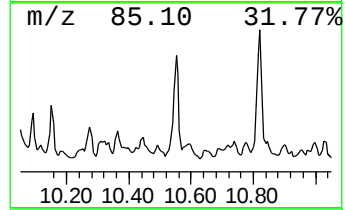
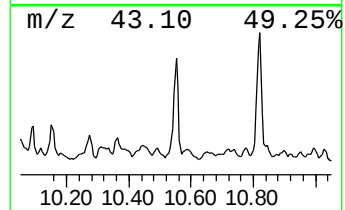
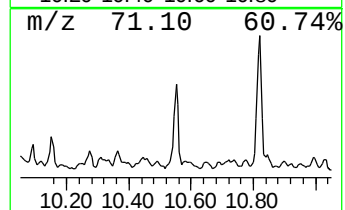
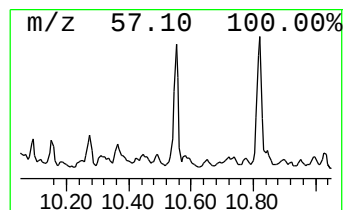
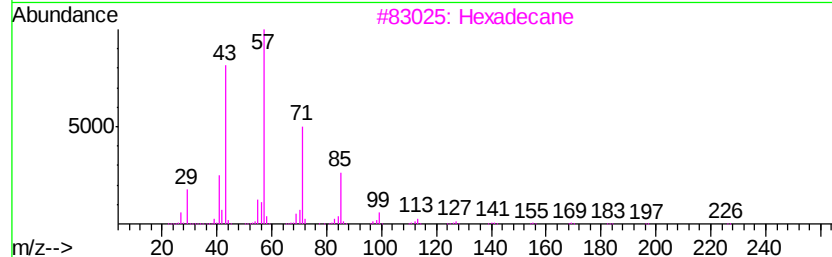
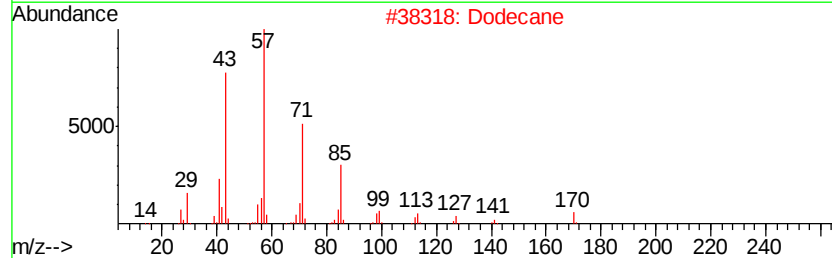
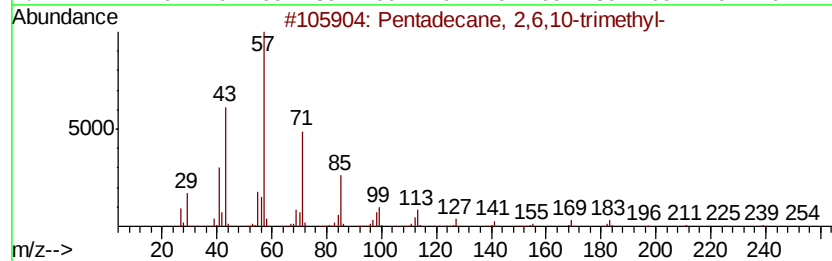
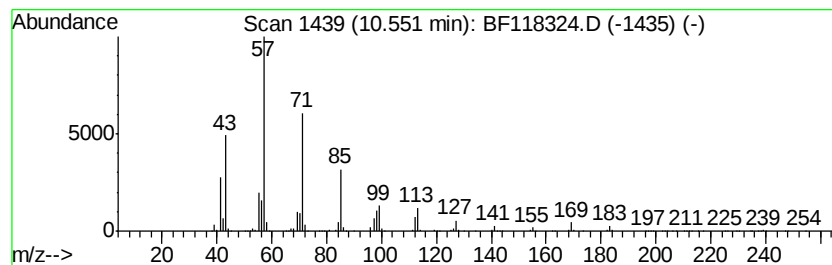
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	56.94 ng	2855830	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Dodecane	170	C12H26	000112-40-3	83
3		Hexadecane	226	C16H34	000544-76-3	81
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5		Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118324.D
Acq On : 26 Dec 2019 18:51
Operator : JU
Sample : K6437-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

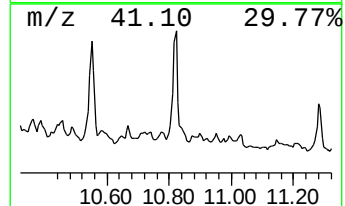
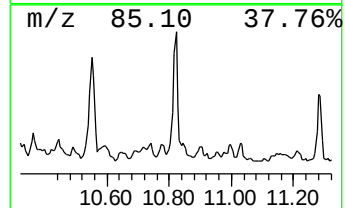
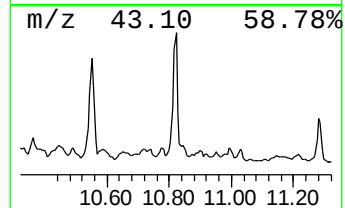
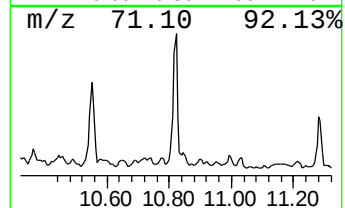
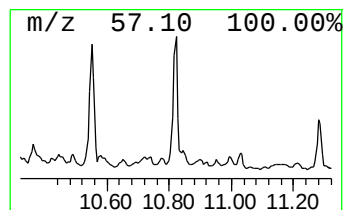
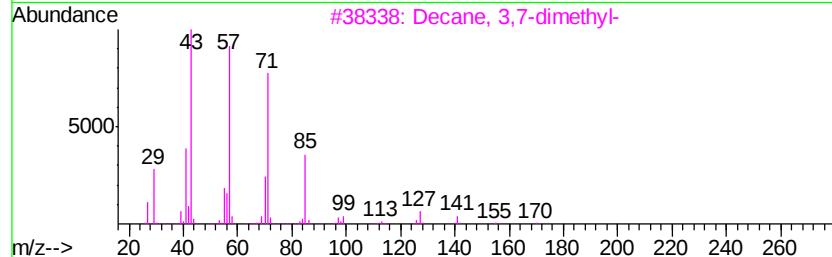
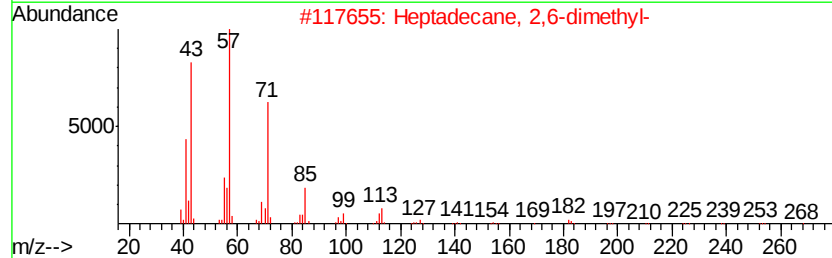
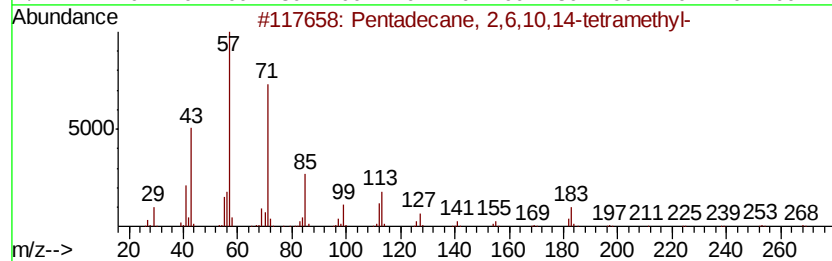
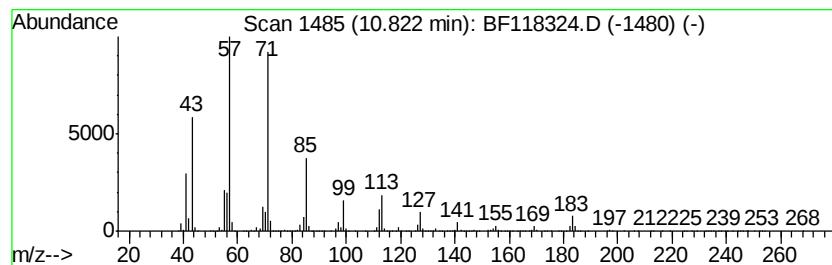
Instrument :
BNA_F
ClientSampleId :
GP-5-(5-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.82	75.92 ng	4130260	Phenanthrene-d10		11.39	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81
3		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	74
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118324.D
Acq On : 26 Dec 2019 18:51
Operator : JU
Sample : K6437-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-5-(5-6)

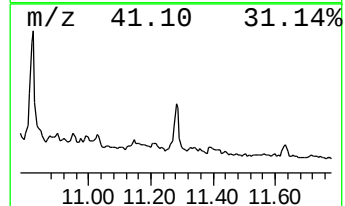
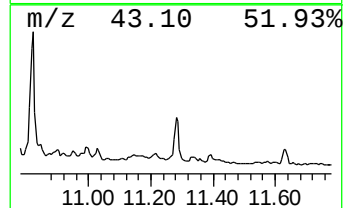
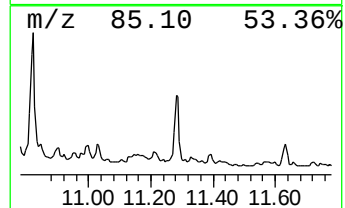
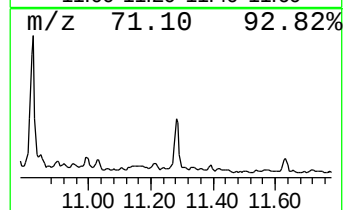
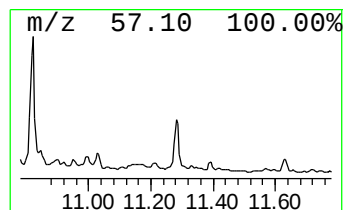
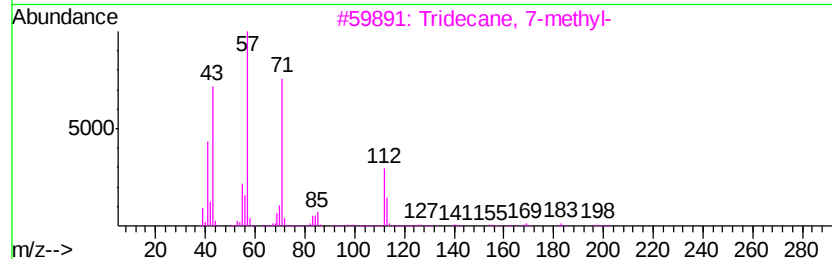
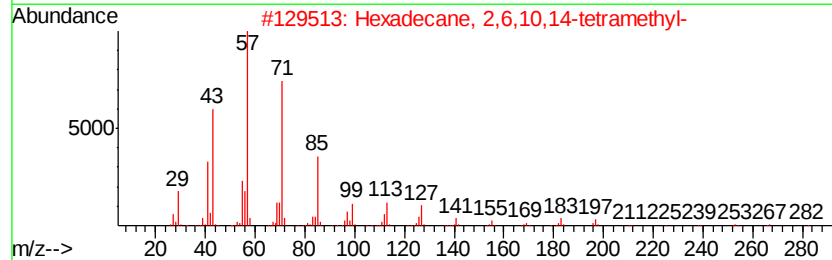
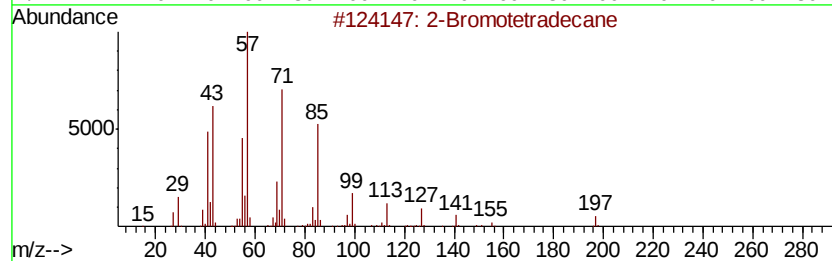
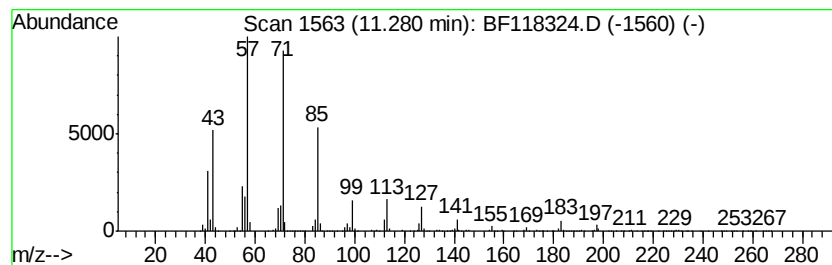
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Bromotetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	32.44 ng	1764540	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	78
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	76
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122619\
 Data File : BF118324.D
 Acq On : 26 Dec 2019 18:51
 Operator : JU
 Sample : K6437-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-5-(5-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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
unknown6.62	6.62	58.1	ng	2025590	1	6.85	697319	20.0
Undecane, 2,6-dim...	8.20	25.0	ng	895997	2	8.14	716107	20.0
Octane, 2,6-dimet...	8.56	41.1	ng	1470560	2	8.14	716107	20.0
Cyclohexanecarbox...	8.58	18.6	ng	664742	2	8.14	716107	20.0
Cyclohexane, 1-me...	8.73	17.7	ng	633765	2	8.14	716107	20.0
unknown8.77	8.77	18.2	ng	652139	2	8.14	716107	20.0
unknown8.79	8.79	18.5	ng	661613	2	8.14	716107	20.0
1-Octadecanesulph...	8.82	35.7	ng	1278070	2	8.14	716107	20.0
Dodecane	8.92	16.7	ng	598610	2	8.14	716107	20.0
unknown9.02	9.02	22.4	ng	803794	2	8.14	716107	20.0
Cyclohexane, octyl-	9.05	19.4	ng	972922	3	9.90	1003150	20.0
Decane, 3,8-dimet...	10.06	17.5	ng	879330	3	9.90	1003150	20.0
unknown10.16	10.16	23.6	ng	1186450	3	9.90	1003150	20.0
3,5-Dimethyldodecane	10.27	17.7	ng	887241	3	9.90	1003150	20.0
Nonadecane	10.32	19.9	ng	998970	3	9.90	1003150	20.0
Pentadecane, 2,6,...	10.55	56.9	ng	2855830	3	9.90	1003150	20.0
Pentadecane, 2,6,...	10.82	75.9	ng	4130260	4	11.39	1088040	20.0
2-Bromotetradecane	11.28	32.4	ng	1764540	4	11.39	1088040	20.0