

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106501.D
 Acq On : 15 Jun 2018 19:26
 Operator : JU/SJ
 Sample : J3497-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-WC-L-01

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-BF061118.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	5.184	481	484	491	rBV	34683	33988	3.78%	0.231%
2	5.619	554	558	562	rBV	70513	57555	6.41%	0.391%
3	5.760	576	582	585	rBV	123199	107574	11.98%	0.731%
4	5.842	593	596	599	rBV	181797	164956	18.36%	1.120%
5	6.219	653	660	664	rBV3	31932	43499	4.84%	0.295%
6	6.484	703	705	713	rBV3	21257	42452	4.73%	0.288%
7	6.613	723	727	733	rVV2	99611	152116	16.93%	1.033%
8	6.701	738	742	746	rVV2	29355	40777	4.54%	0.277%
9	6.742	746	749	754	rVB2	107218	90373	10.06%	0.614%
10	6.789	754	757	760	rBV	77109	74837	8.33%	0.508%
11	6.919	776	779	783	rBV5	15580	28913	3.22%	0.196%
12	6.966	783	787	790	rVB	863809	722224	80.40%	4.904%
13	7.013	790	795	799	rBV3	47282	57328	6.38%	0.389%
14	7.066	799	804	807	rBV4	29005	36942	4.11%	0.251%
15	7.119	807	813	816	rBV	391394	370223	41.21%	2.514%
16	7.231	826	832	834	rBV4	32909	45700	5.09%	0.310%
17	7.489	870	876	878	rBV3	63206	80980	9.01%	0.550%
18	7.519	878	881	884	rBV	248510	226431	25.21%	1.538%
19	7.601	890	895	899	rBV4	81615	130607	14.54%	0.887%
20	7.654	899	904	906	rVB3	28232	37434	4.17%	0.254%
21	7.695	906	911	914	rBV3	28604	35896	4.00%	0.244%
22	7.766	921	923	929	rVB2	69198	80213	8.93%	0.545%
23	7.836	931	935	936	rBV3	31045	40877	4.55%	0.278%
24	7.854	936	938	940	rVB	60643	42087	4.69%	0.286%
25	7.883	940	943	945	rBV3	67458	57444	6.39%	0.390%
26	7.942	950	953	957	rVB4	23034	29377	3.27%	0.199%
27	7.983	957	960	965	rBV5	43435	57407	6.39%	0.390%
28	8.113	979	982	984	rBV3	46002	40552	4.51%	0.275%
29	8.142	984	987	990	rBV3	35966	43986	4.90%	0.299%
30	8.178	990	993	994	rBV2	41909	42518	4.73%	0.289%
31	8.213	997	999	1001	rBV	145723	119142	13.26%	0.809%
32	8.248	1001	1005	1008	rVV	1095657	898295	100.00%	6.100%
33	8.295	1010	1013	1016	rVB3	131321	127664	14.21%	0.867%
34	8.331	1016	1019	1024	rBV3	63628	83294	9.27%	0.566%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.389	1026	1029	1031	rBV2	39923	34392	3.83%	0.234%
36	8.425	1031	1035	1036	rBV2	47535	57501	6.40%	0.390%
37	8.442	1036	1038	1041	rVB3	46942	38547	4.29%	0.262%
38	8.530	1049	1053	1058	rVB2	176584	206825	23.02%	1.404%
39	8.578	1058	1061	1064	rBV4	56221	81315	9.05%	0.552%
40	8.613	1064	1067	1071	rVB3	59374	59730	6.65%	0.406%
41	8.654	1071	1074	1077	rBV	353838	273033	30.39%	1.854%
42	8.683	1077	1079	1087	rVB6	67911	115674	12.88%	0.786%
43	8.748	1087	1090	1092	rBV2	45899	38299	4.26%	0.260%
44	8.783	1092	1096	1097	rBV2	49578	55387	6.17%	0.376%
45	8.825	1100	1103	1107	rVB	459608	364388	40.56%	2.474%
46	8.872	1107	1111	1112	rBV3	63487	76757	8.54%	0.521%
47	8.919	1117	1119	1123	rVB3	84498	89058	9.91%	0.605%
48	8.983	1128	1130	1133	rVB3	42628	38290	4.26%	0.260%
49	9.019	1133	1136	1142	rBV5	83148	130235	14.50%	0.884%
50	9.066	1142	1144	1146	rVV3	45035	44597	4.96%	0.303%
51	9.125	1149	1154	1155	rBV3	74232	112068	12.48%	0.761%
52	9.148	1155	1158	1161	rVB3	121636	129644	14.43%	0.880%
53	9.189	1161	1165	1169	rBV2	70022	91201	10.15%	0.619%
54	9.230	1169	1172	1174	rVV	68477	69161	7.70%	0.470%
55	9.254	1174	1176	1179	rVV	322403	251285	27.97%	1.706%
56	9.319	1183	1187	1191	rBV	497300	415305	46.23%	2.820%
57	9.389	1196	1199	1204	rVV2	295436	286220	31.86%	1.944%
58	9.430	1204	1206	1208	rVV	61337	50197	5.59%	0.341%
59	9.466	1210	1212	1216	rVB3	56717	48639	5.41%	0.330%
60	9.577	1229	1231	1237	rBV5	52588	72018	8.02%	0.489%
61	9.630	1237	1240	1241	rBV3	28531	29957	3.33%	0.203%
62	9.713	1250	1254	1257	rBV	576657	541072	60.23%	3.674%
63	9.772	1261	1264	1266	rBV3	29145	38458	4.28%	0.261%
64	9.866	1277	1280	1282	rVB3	45876	36745	4.09%	0.250%
65	9.919	1282	1289	1293	rBV3	142700	174931	19.47%	1.188%
66	9.960	1293	1296	1298	rBV2	67561	66073	7.36%	0.449%
67	10.007	1298	1304	1307	rBV	989194	827706	92.14%	5.621%
68	10.095	1317	1319	1324	rVB3	34729	47767	5.32%	0.324%
69	10.148	1325	1328	1331	rBV5	33416	49195	5.48%	0.334%
70	10.177	1331	1333	1335	rVV	52881	43628	4.86%	0.296%
71	10.207	1335	1338	1341	rVB4	46443	49292	5.49%	0.335%

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72	10.242	1341	1344	1348	rBV2	88491	87144	9.70%	0.592%
73	10.319	1354	1357	1360	rBV4	48994	59881	6.67%	0.407%
74	10.419	1368	1374	1377	rBV2	142533	176979	19.70%	1.202%
75	10.448	1377	1379	1382	rVV2	40972	42972	4.78%	0.292%
76	10.477	1382	1384	1389	rVB3	33430	47260	5.26%	0.321%
77	10.642	1407	1412	1414	rBV	199853	221834	24.70%	1.506%
78	10.795	1435	1438	1442	rBV4	43224	46698	5.20%	0.317%
79	10.907	1452	1457	1460	rBV	312458	349263	38.88%	2.372%
80	11.083	1485	1487	1490	rVV4	26596	31071	3.46%	0.211%
81	11.119	1491	1493	1497	rVB3	42526	43206	4.81%	0.293%
82	11.342	1528	1531	1533	rBV	71550	53008	5.90%	0.360%
83	11.371	1533	1536	1539	rVV	146570	131177	14.60%	0.891%
84	11.495	1553	1557	1560	rBV	805143	735939	81.93%	4.998%
85	11.613	1574	1577	1581	rVB3	35848	36568	4.07%	0.248%
86	11.724	1593	1596	1600	rVV	46688	56634	6.30%	0.385%
87	11.771	1601	1604	1607	rVB	59223	54581	6.08%	0.371%
88	12.177	1671	1673	1676	rBV2	43357	35066	3.90%	0.238%
89	12.566	1737	1739	1744	rVB	28480	32212	3.59%	0.219%
90	12.713	1761	1764	1767	rBV2	40197	44300	4.93%	0.301%
91	12.748	1768	1770	1774	rVB5	33799	33016	3.68%	0.224%
92	12.883	1790	1793	1796	rVB	119385	111096	12.37%	0.754%
93	12.942	1800	1803	1806	rBV	50003	46754	5.20%	0.317%
94	13.077	1823	1826	1829	rVB	310256	243693	27.13%	1.655%
95	13.965	1975	1977	1987	rVB	81618	109534	12.19%	0.744%
96	14.107	1999	2001	2004	rVB	98878	78745	8.77%	0.535%
97	14.148	2004	2008	2011	rBV	958547	851457	94.79%	5.782%
98	14.777	2112	2115	2118	rVB	207996	206406	22.98%	1.402%
99	15.012	2151	2155	2159	rVB2	521064	561926	62.55%	3.816%
100	15.689	2265	2270	2278	rVB	596881	819234	91.20%	5.563%

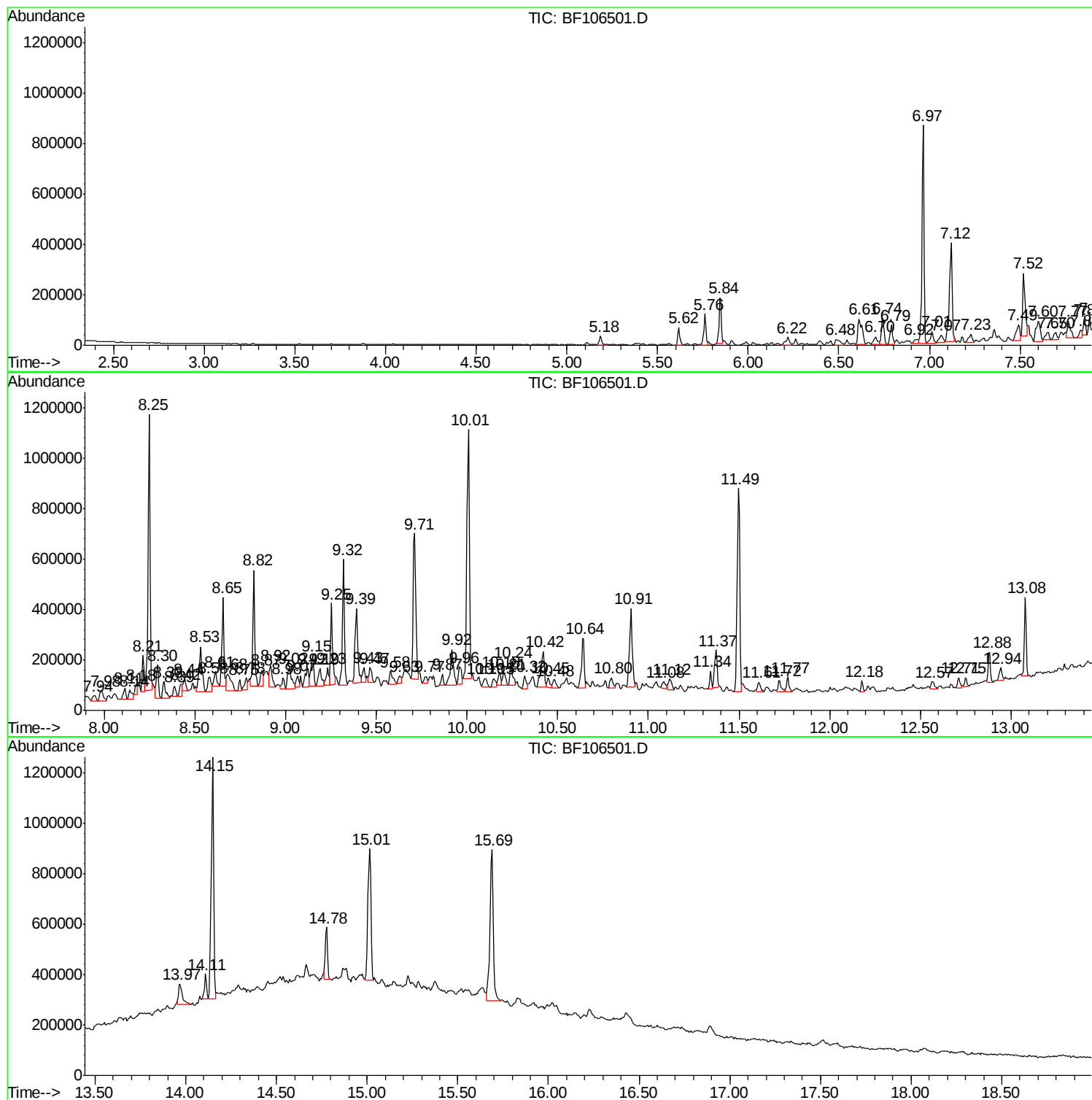
Sum of corrected areas: 14725905

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.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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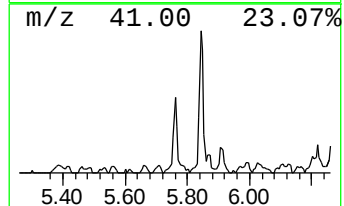
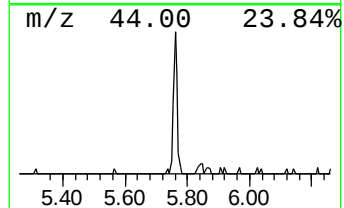
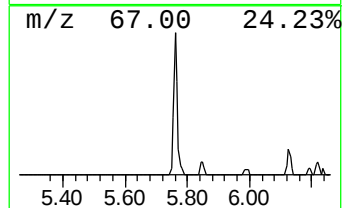
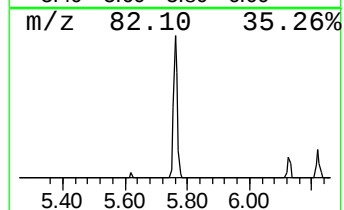
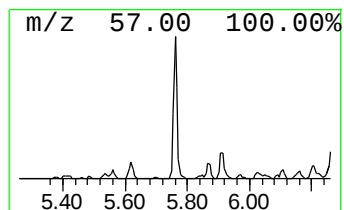
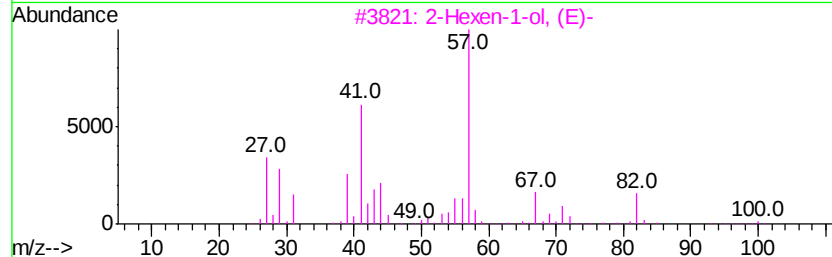
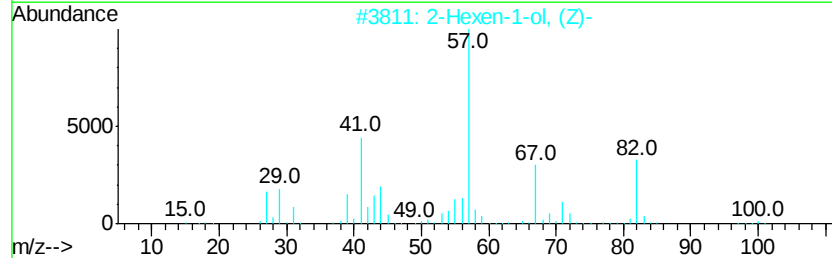
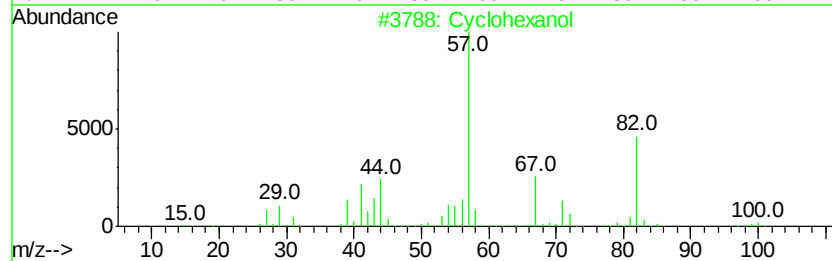
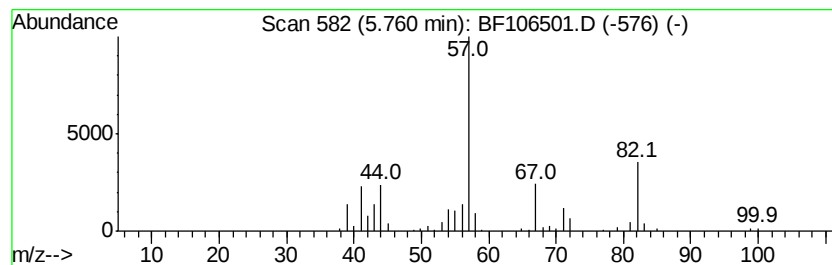
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	2.98 ng	107574	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol	100	C6H12O	000108-93-0	97
2		2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	90
3		2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	86
4		Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	47
5		Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	43



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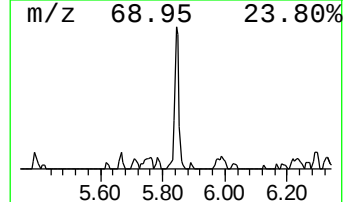
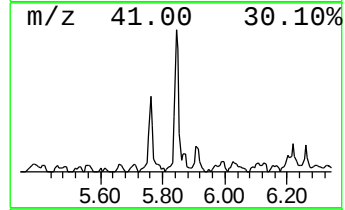
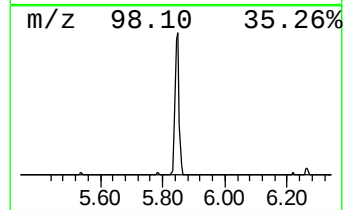
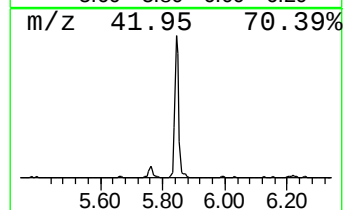
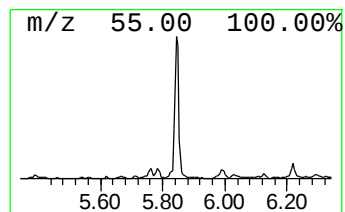
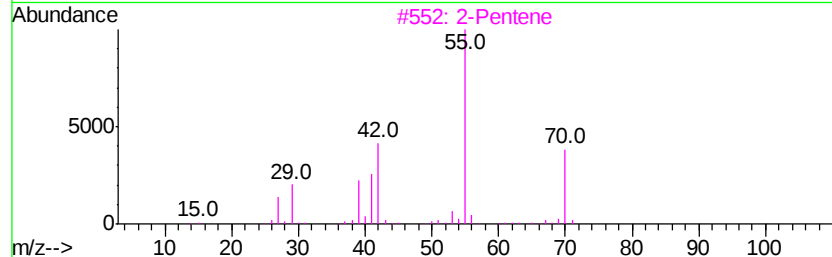
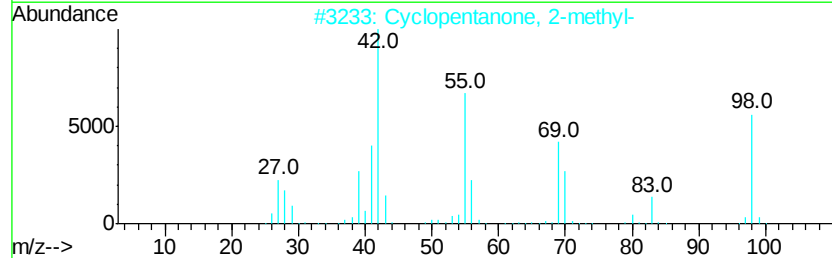
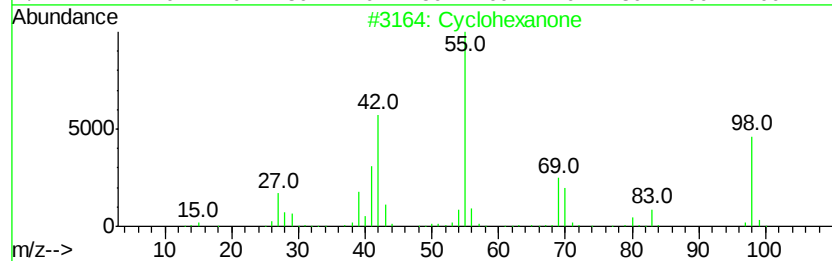
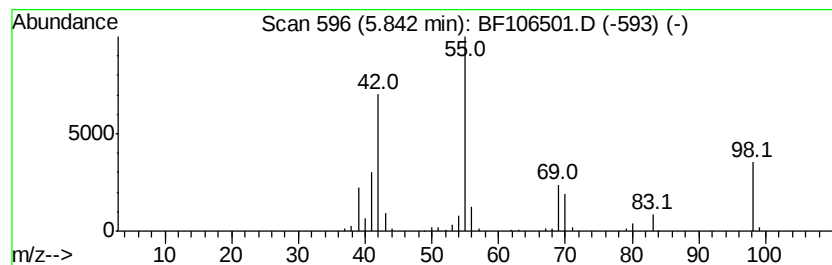
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	4.57 ng	164956	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone	98	C6H10O	000108-94-1	91
2			Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	87
3			2-Pentene	70	C5H10	000109-68-2	50
4			1-Pentene	70	C5H10	000109-67-1	38
5			Cyclobutane, methyl-	70	C5H10	000598-61-8	35



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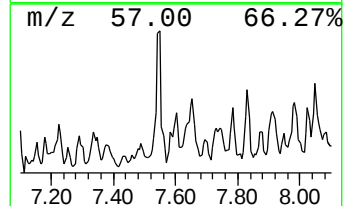
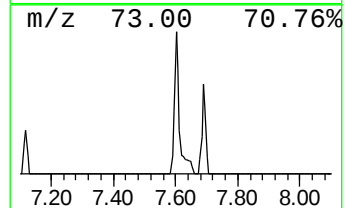
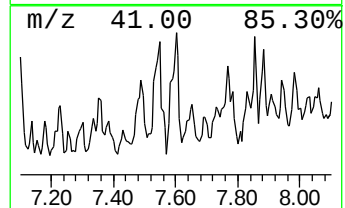
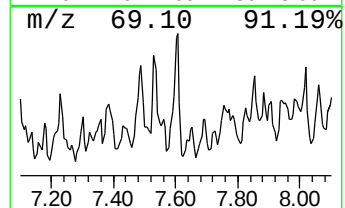
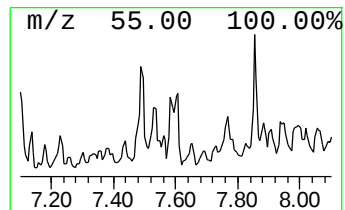
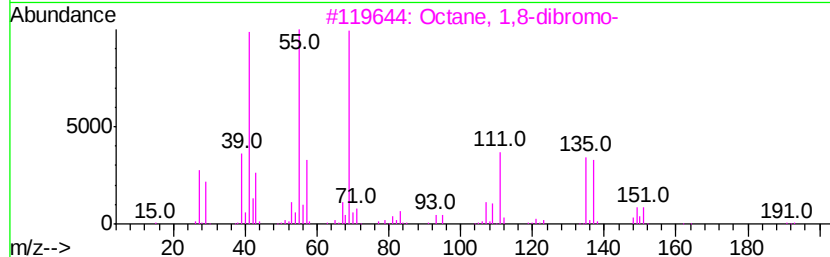
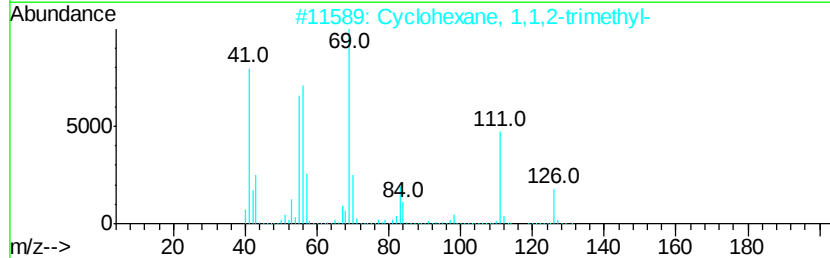
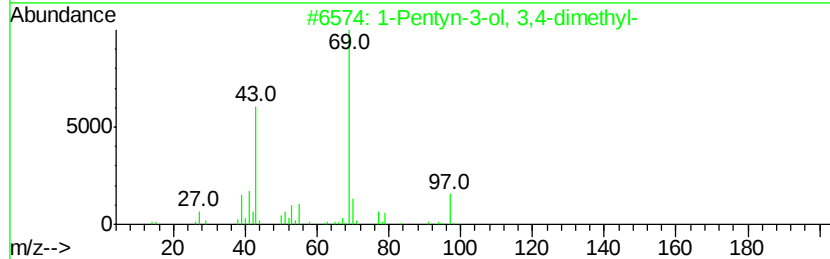
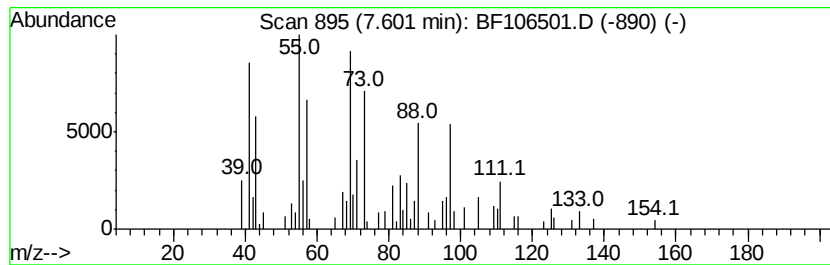
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.60 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.62 ng	130607	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	35
2			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30
3			Octane, 1,8-dibromo-	270	C8H16Br2	004549-32-0	27
4			1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	22
5			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106501.D
Acq On : 15 Jun 2018 19:26
Operator : JU/SJ
Sample : J3497-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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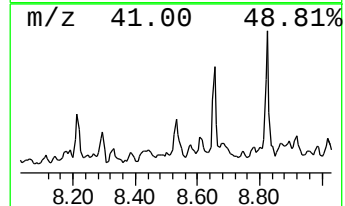
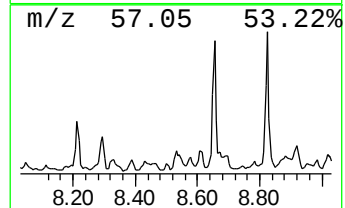
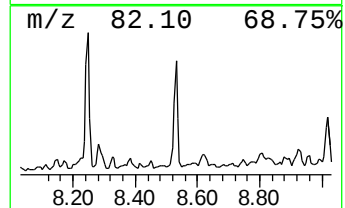
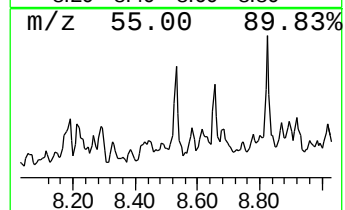
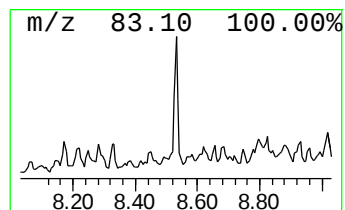
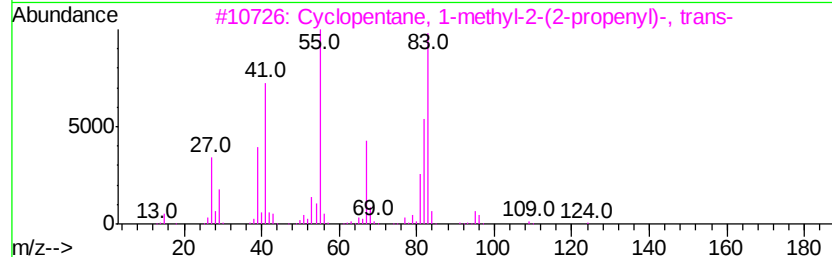
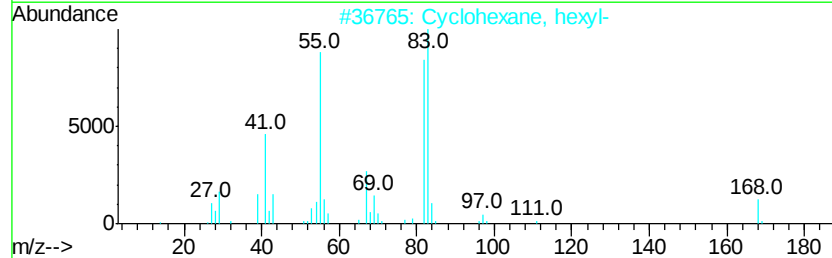
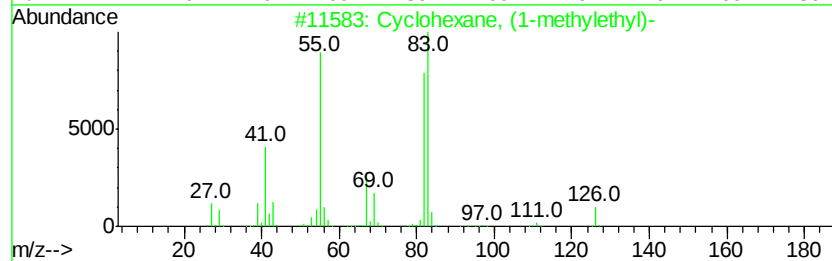
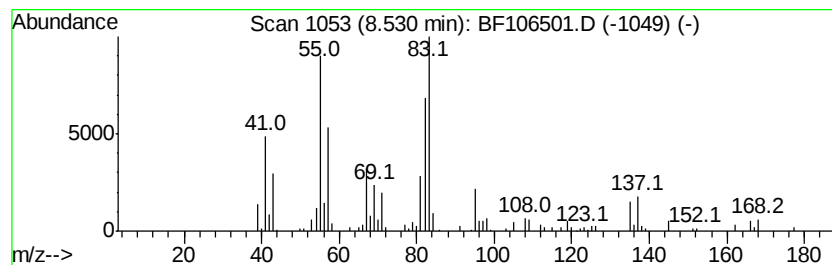
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, (1-methylethyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	4.60 ng	206825	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	70
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
3		Cyclopentane, 1-methyl-2-(2-propenyl)-	124	C9H16	050746-53-7	64
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
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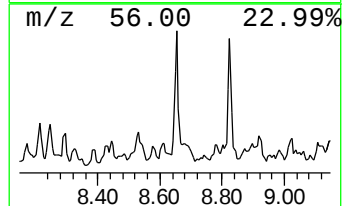
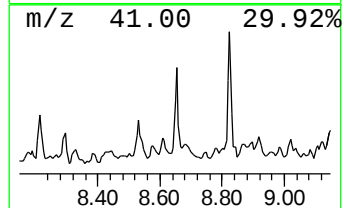
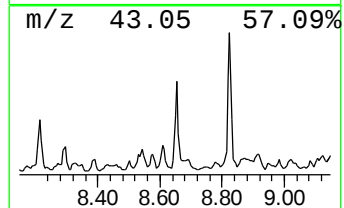
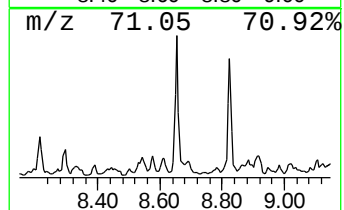
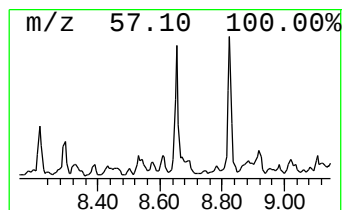
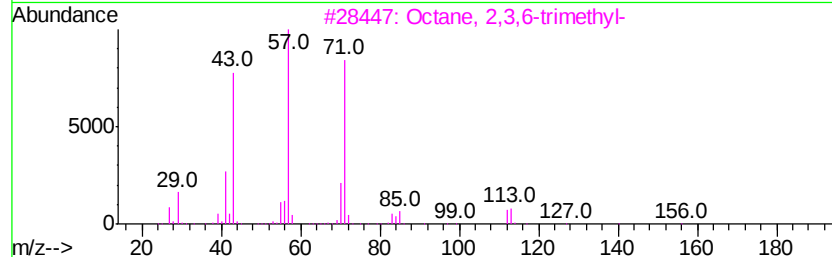
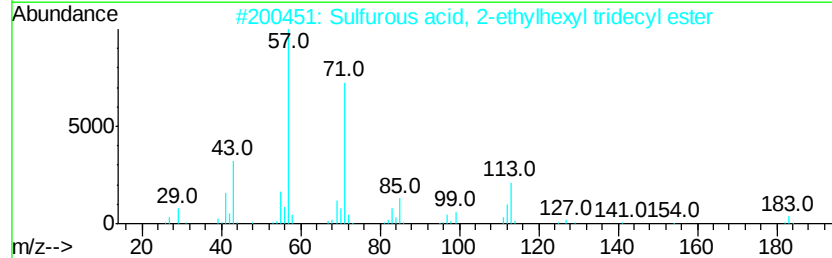
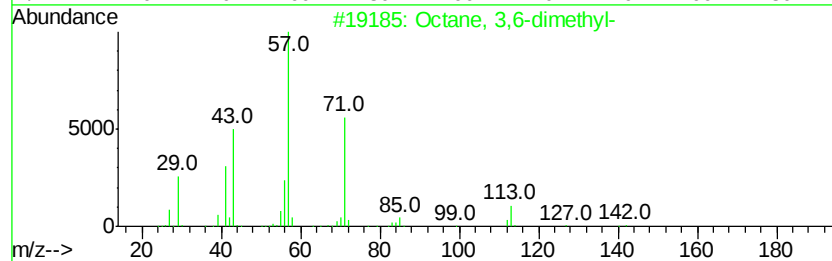
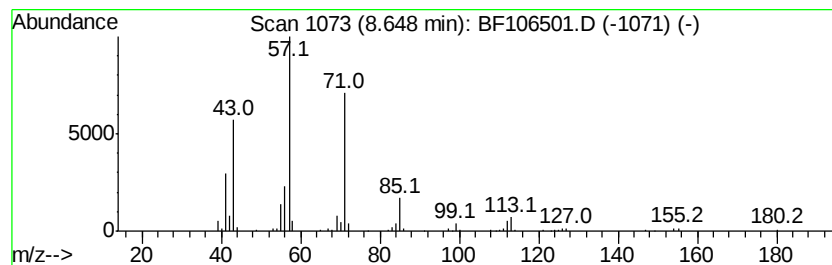
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	6.08 ng	273033	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
3		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59
4		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106501.D
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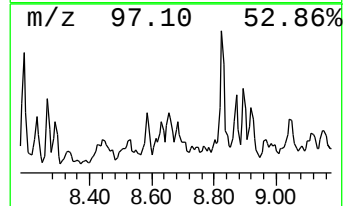
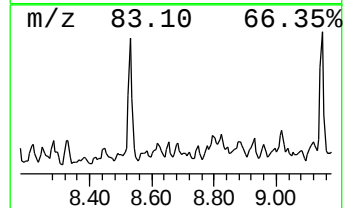
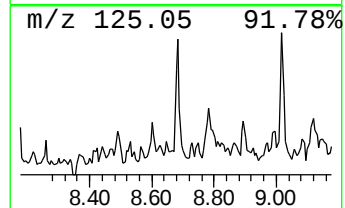
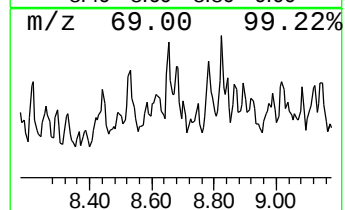
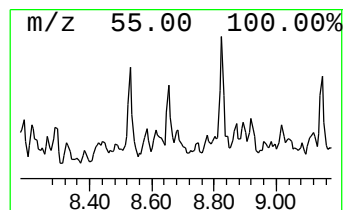
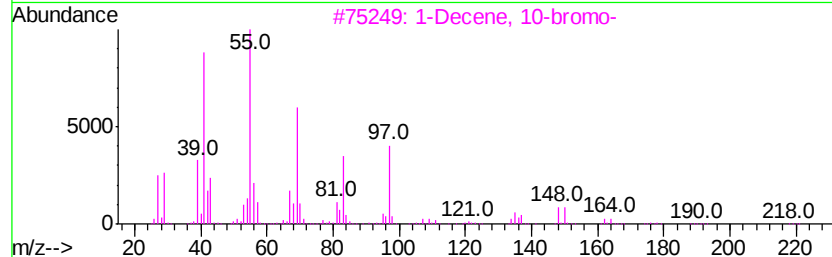
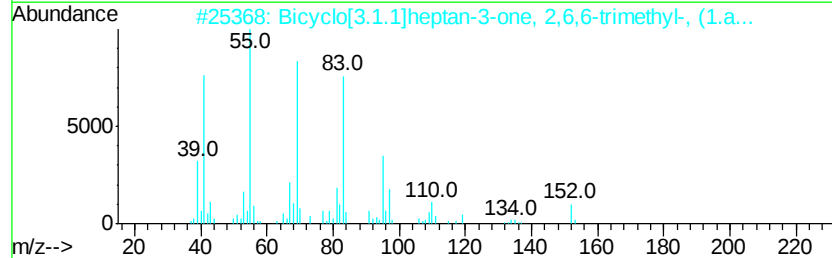
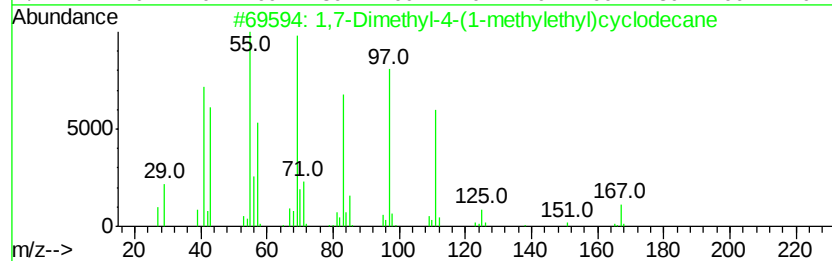
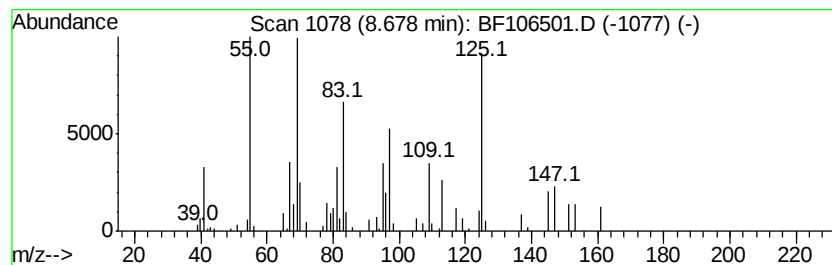
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.68 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	2.58 ng	115674	Naphthalene-d8	8.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	38
2			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	35
3			1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	35
4			4N-Methylcytosine	125	C5H7N3O	006220-47-9	30
5			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106501.D
Acq On : 15 Jun 2018 19:26
Operator : JU/SJ
Sample : J3497-01
Misc :
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ClientSampleId :
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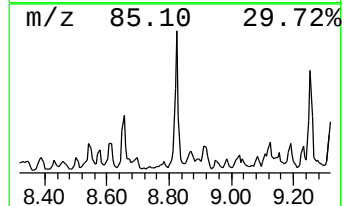
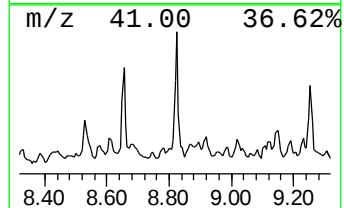
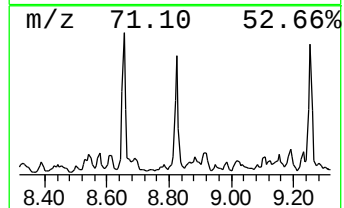
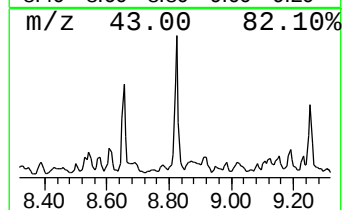
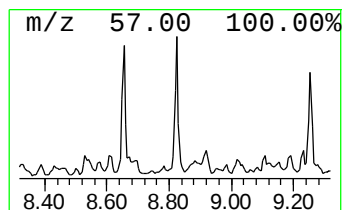
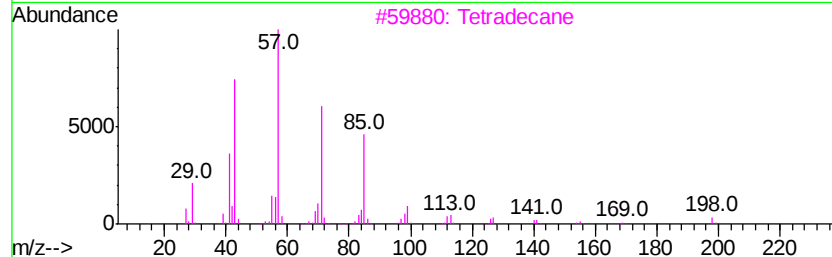
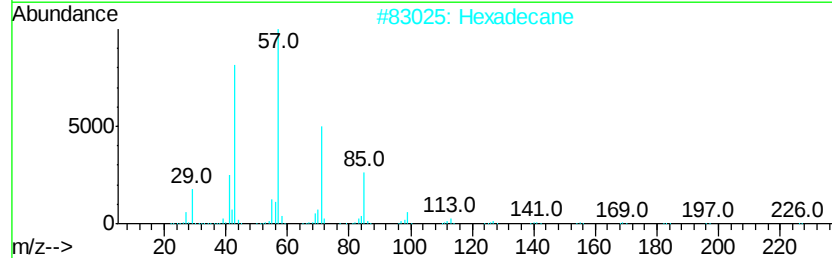
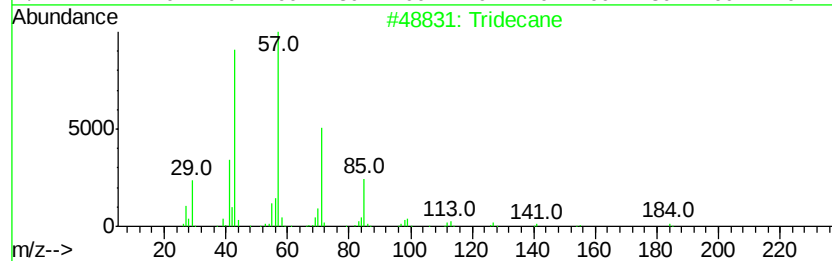
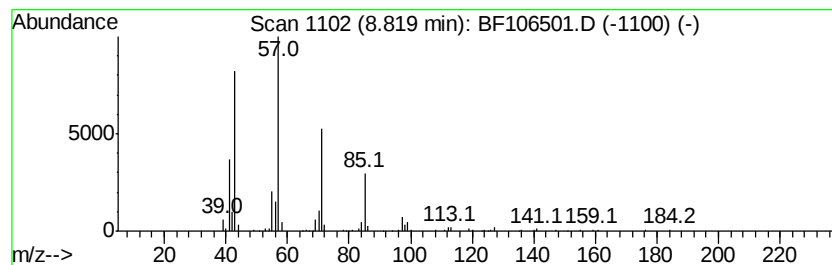
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	8.11 ng	364388	Naphthalene-d8	8.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	87
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tetradecane		198	C14H30	000629-59-4	78
4	Pentadecane		212	C15H32	000629-62-9	78
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106501.D
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Misc :
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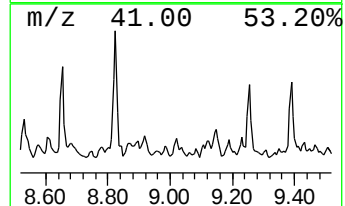
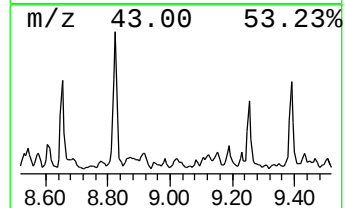
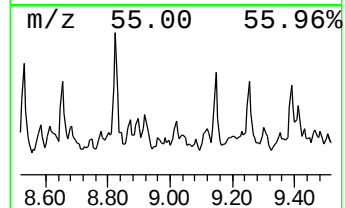
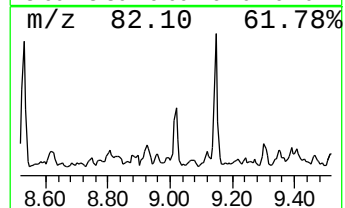
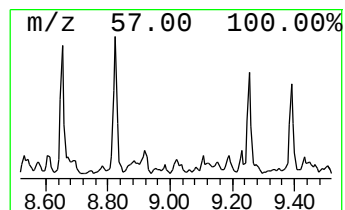
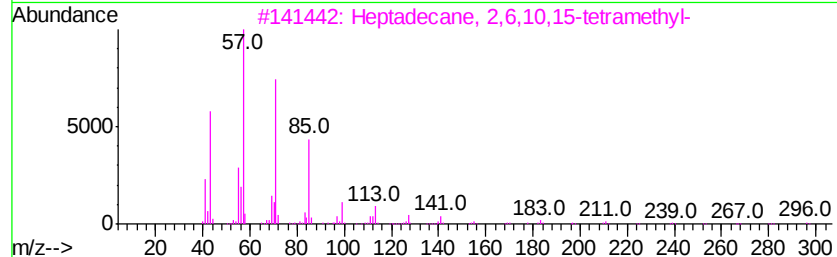
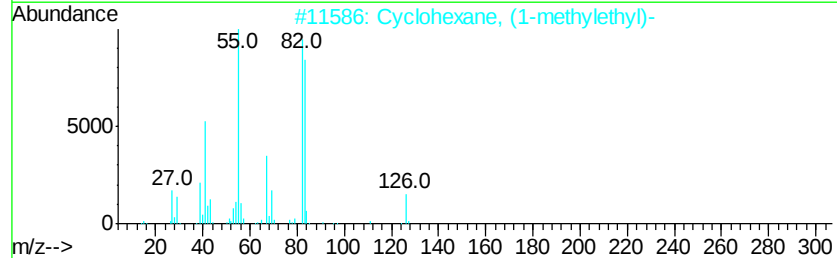
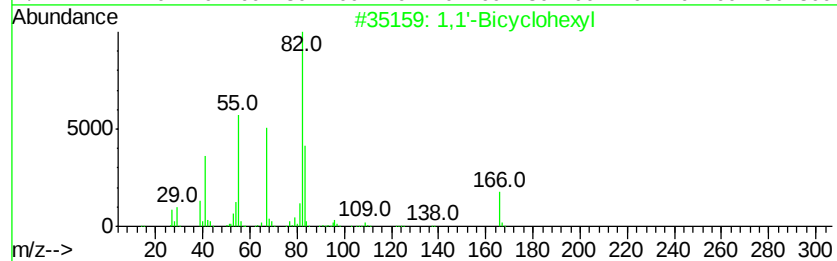
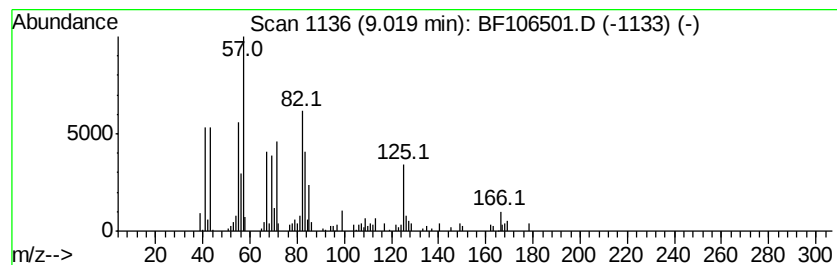
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	2.90 ng	130235	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Bicyclohexyl	166	C12H22	000092-51-3	27
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	25
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	22
4		Eicosane	282	C20H42	000112-95-8	22
5		Undecane	156	C11H24	001120-21-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
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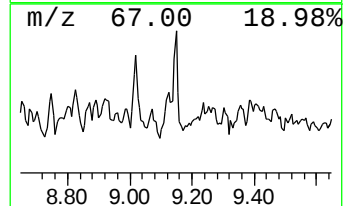
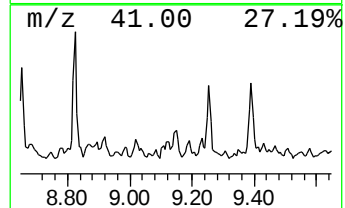
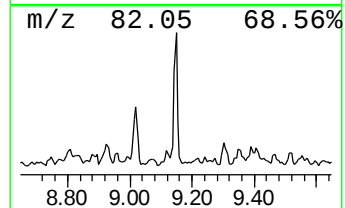
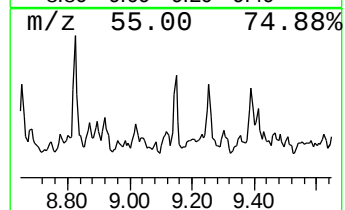
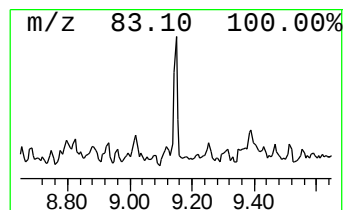
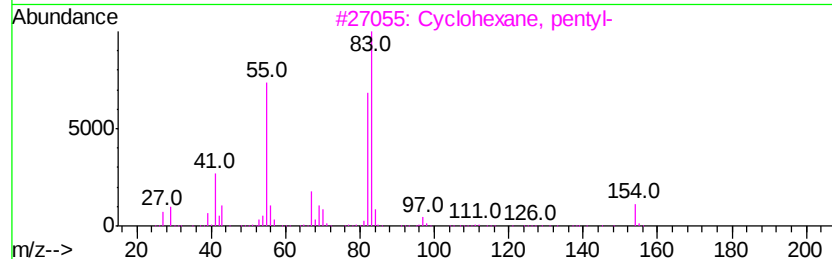
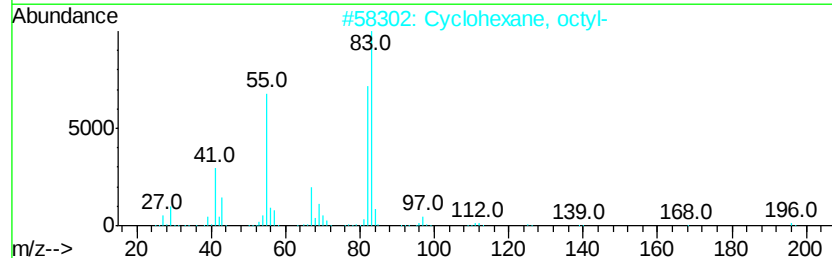
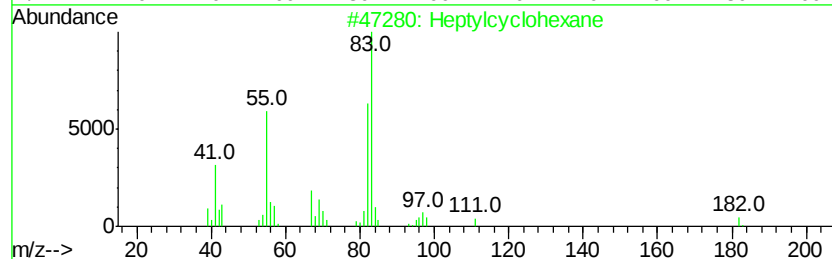
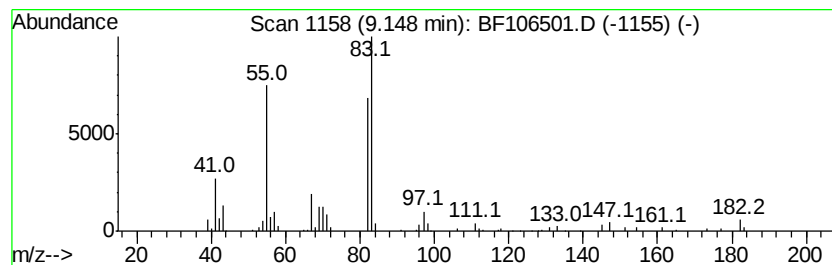
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptylcyclohexane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	3.13 ng	129644	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	80
2			Cyclohexane, octyl-	196	C14H28	001795-15-9	72
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4			Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	64
5			Oxalic acid, cyclohexyl butyl ester	228	C12H20O4	1000309-30-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106501.D
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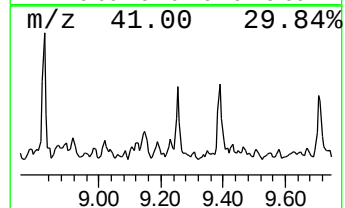
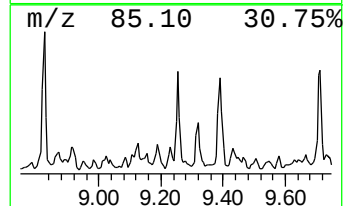
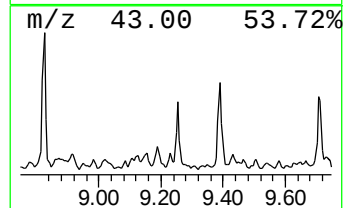
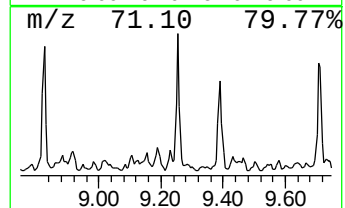
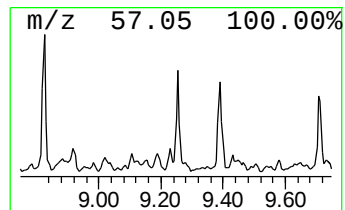
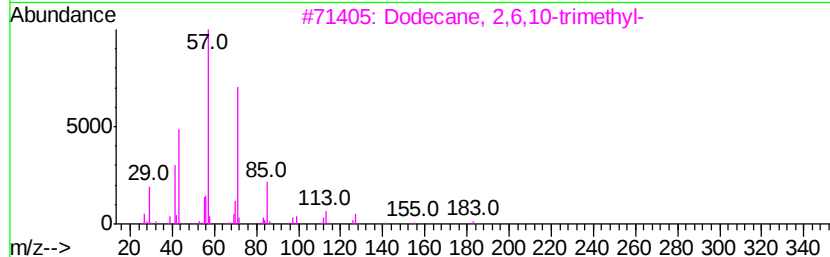
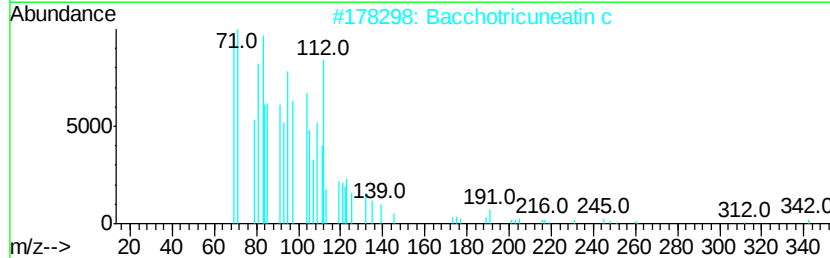
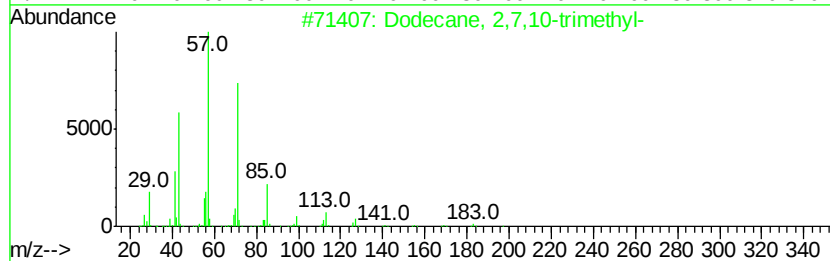
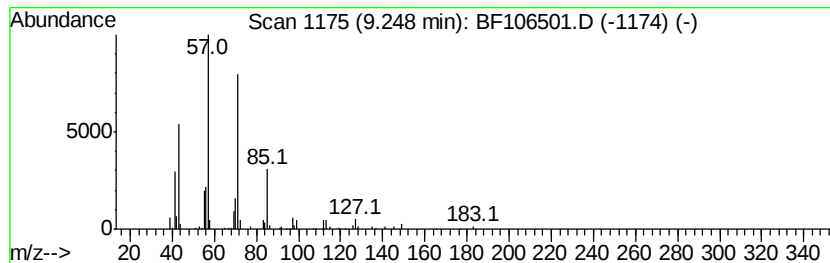
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	6.07 ng	251285	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2			Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	72
5			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106501.D
Acq On : 15 Jun 2018 19:26
Operator : JU/SJ
Sample : J3497-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CAS1-WC-L-01

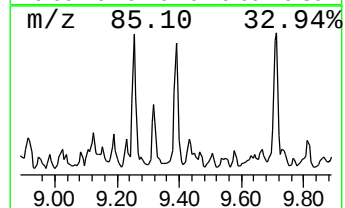
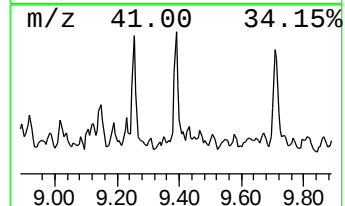
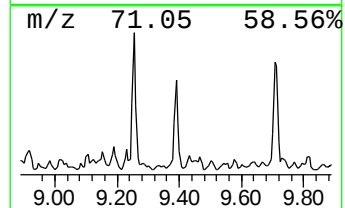
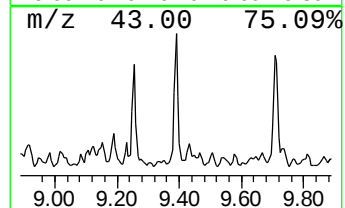
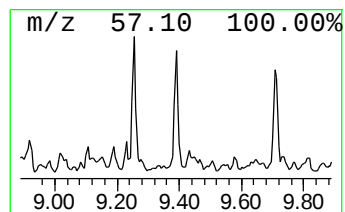
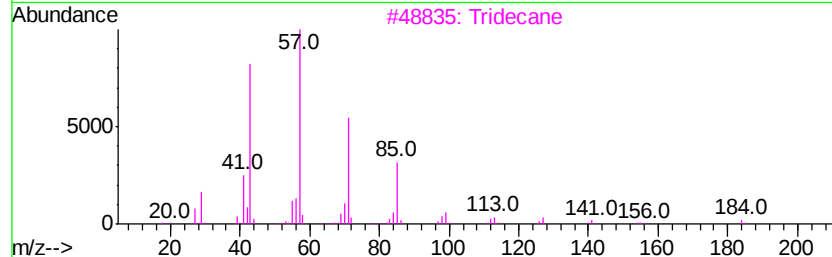
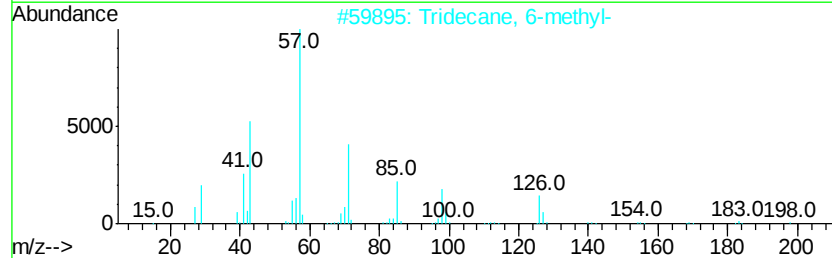
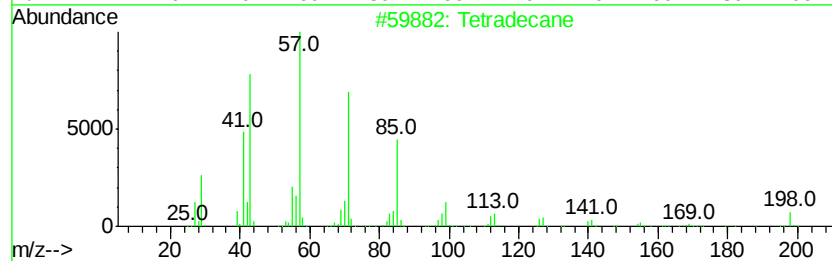
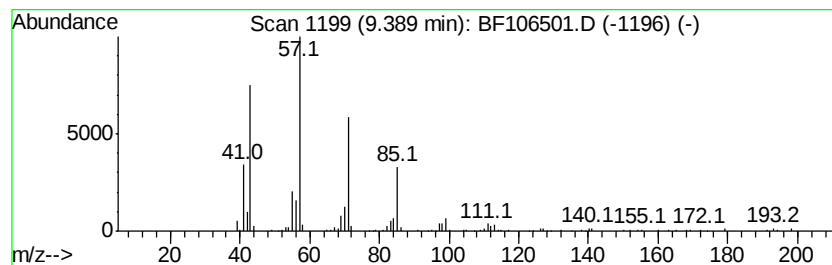
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	6.92 ng	286220	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	93
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
3		Tridecane	184	C13H28	000629-50-5	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106501.D
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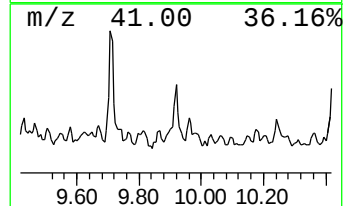
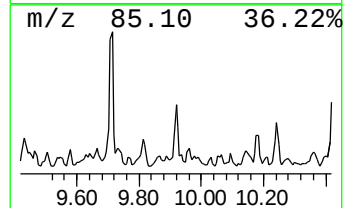
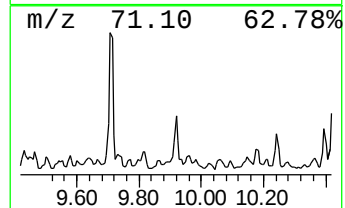
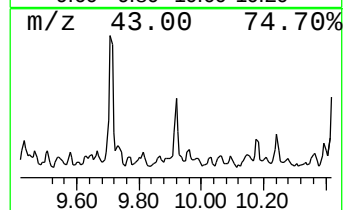
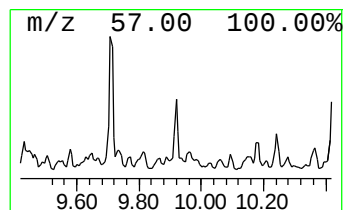
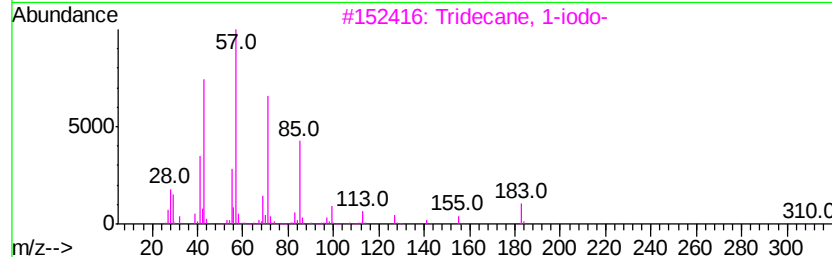
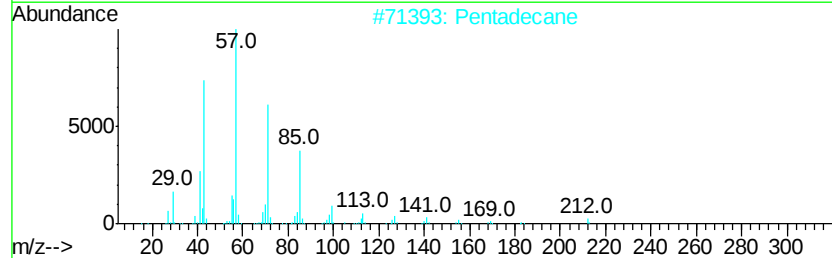
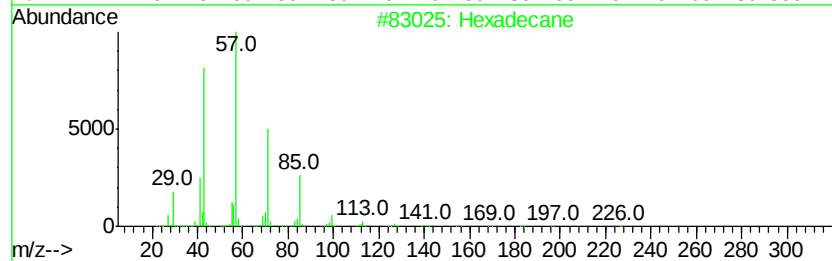
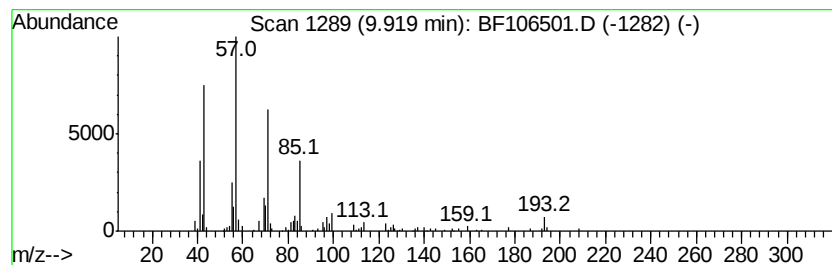
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	4.23 ng	174931	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Pentadecane	212	C15H32	000629-62-9	80
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106501.D
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Operator : JU/SJ
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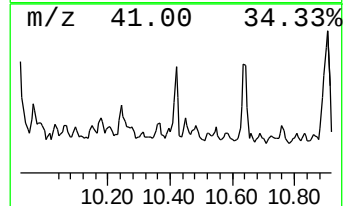
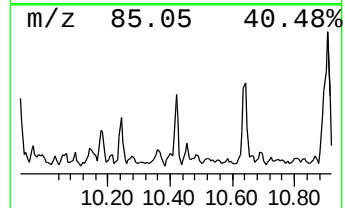
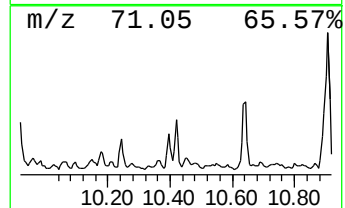
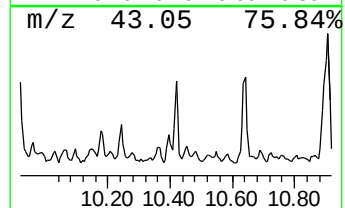
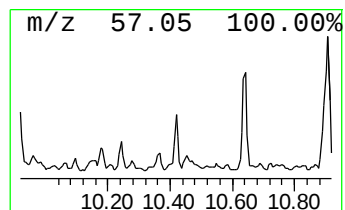
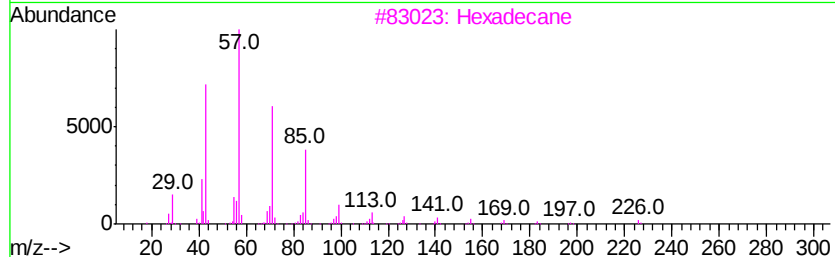
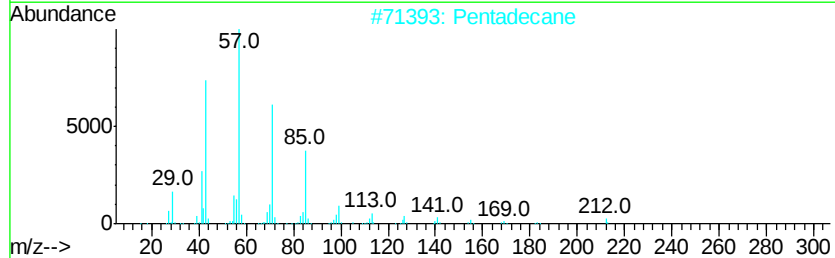
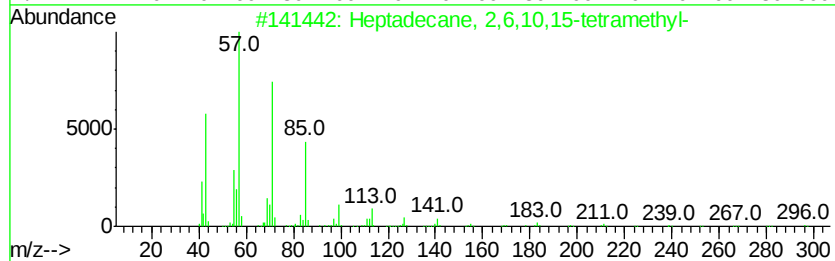
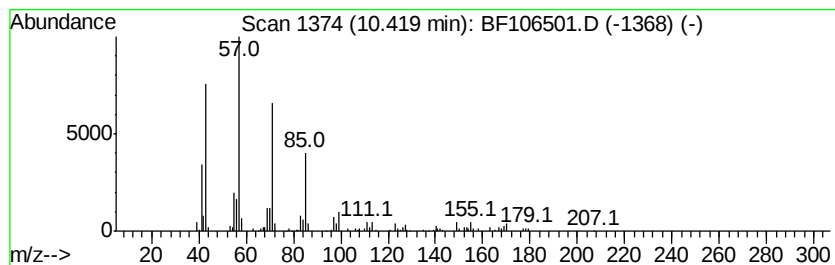
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	4.28 ng	176979	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2			Pentadecane	212	C15H32	000629-62-9	80
3			Hexadecane	226	C16H34	000544-76-3	80
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	74
5			Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106501.D
Acq On : 15 Jun 2018 19:26
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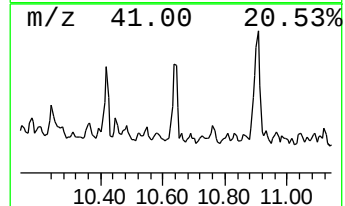
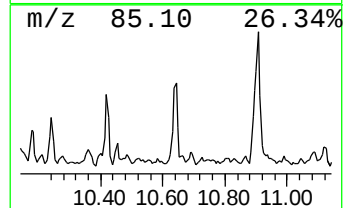
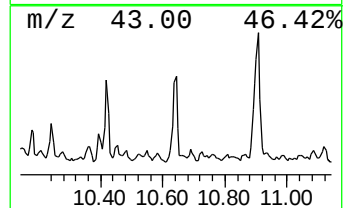
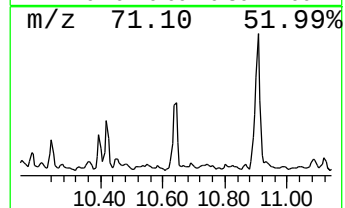
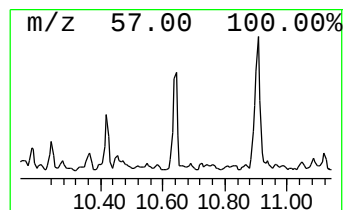
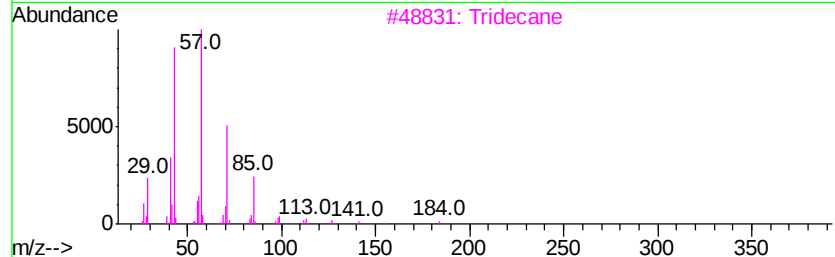
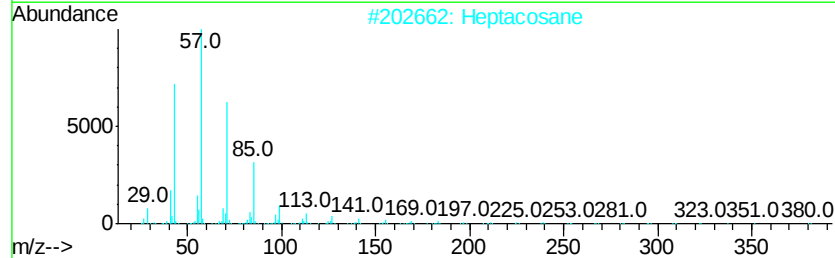
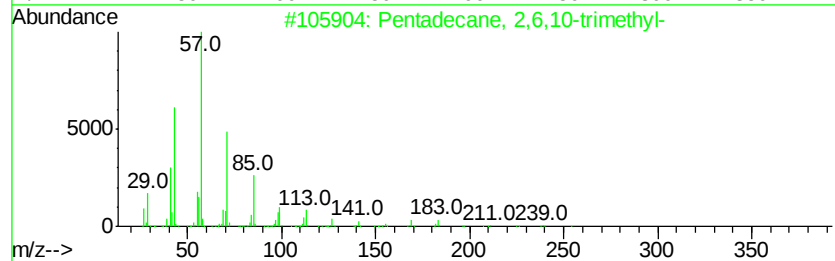
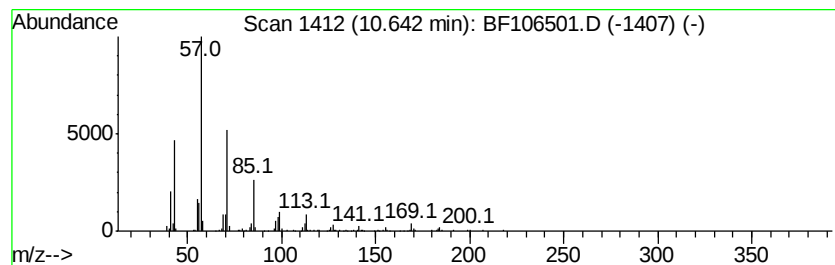
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	5.36 ng	221834	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2			Heptacosane	380	C27H56	000593-49-7	87
3			Tridecane	184	C13H28	000629-50-5	80
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
5			Docosane	310	C22H46	000629-97-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
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Acq On : 15 Jun 2018 19:26
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Sample : J3497-01
Misc :
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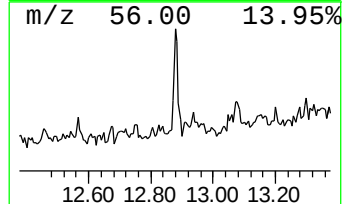
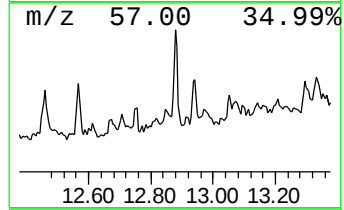
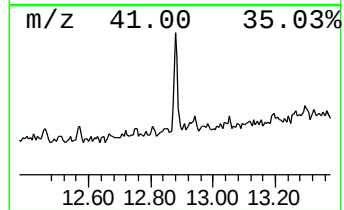
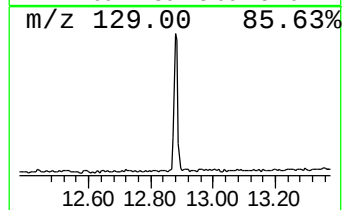
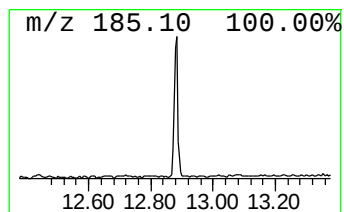
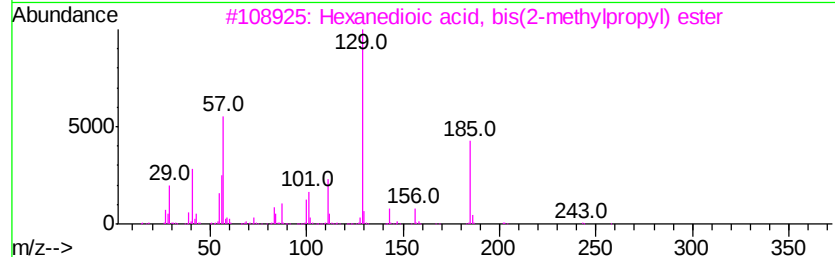
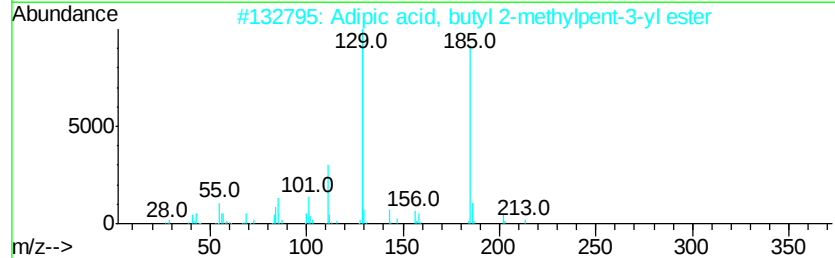
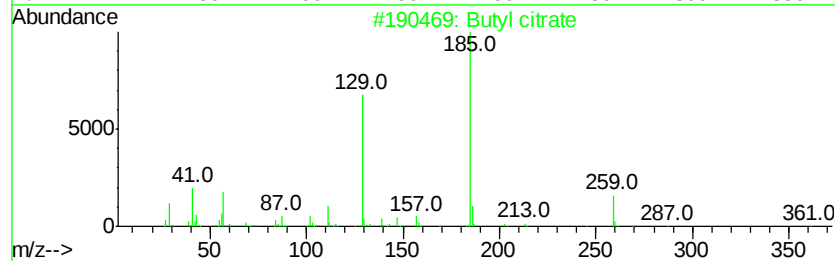
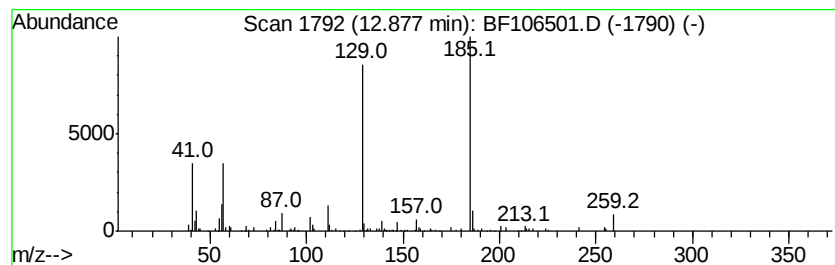
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Butyl citrate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	2.61 ng	111096	Chrysene-d12	14.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butyl citrate	360 C18H32O7	000077-94-1 87
2		Adipic acid, butyl 2-methylpent-...	286 C16H30O4	1000353-55-8 78
3		Hexanedioic acid, bis(2-methylpr...	258 C14H26O4	000141-04-8 72
4		Adipic acid, 2-decyl isobutyl ester	342 C20H38O4	1000353-59-6 72
5		Adipic acid, 3-hexyl isobutyl ester	286 C16H30O4	1000353-62-2 56



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
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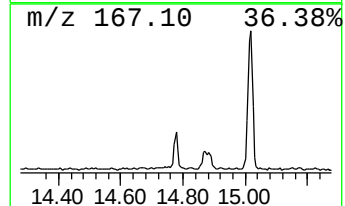
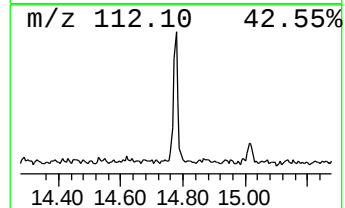
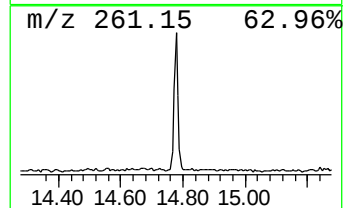
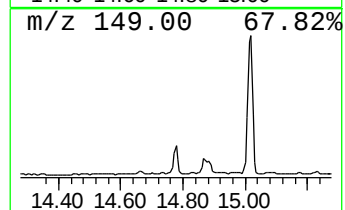
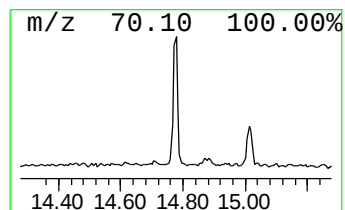
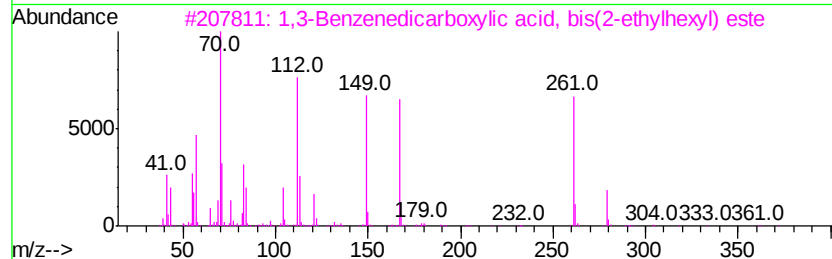
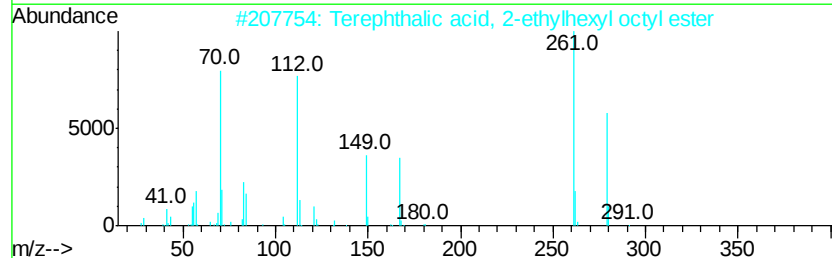
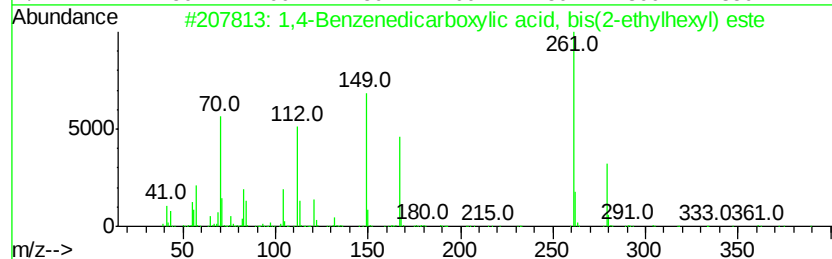
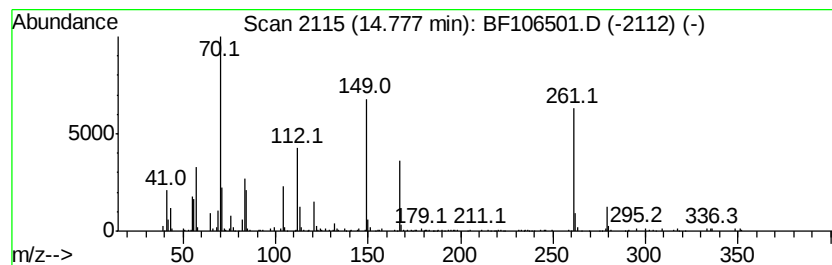
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,4-Benzenedicarboxylic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	4.85 ng	206406	Chrysene-d12	14.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	68
2			Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	53
3			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
4			Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	49
5			Terephthalic acid, 3-hexyl octyl...	362	C22H34O4	1000356-23-1	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
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ClientSampleId :
CAS1-WC-L-01

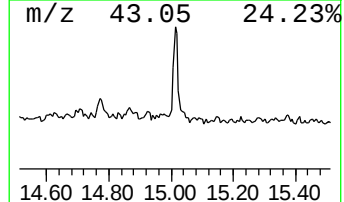
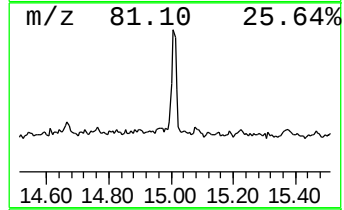
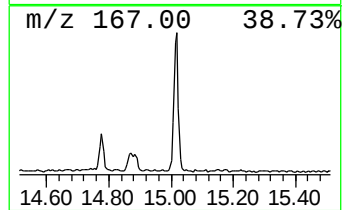
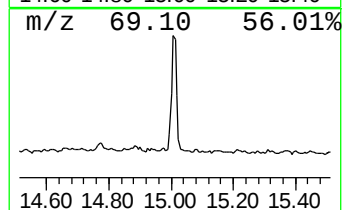
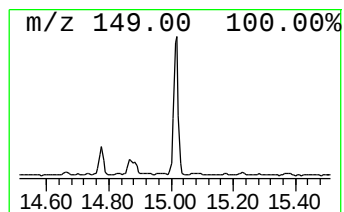
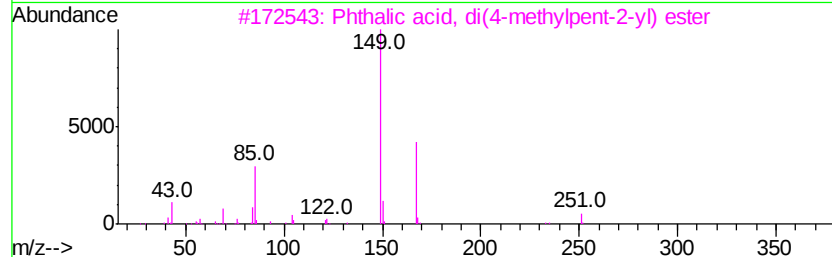
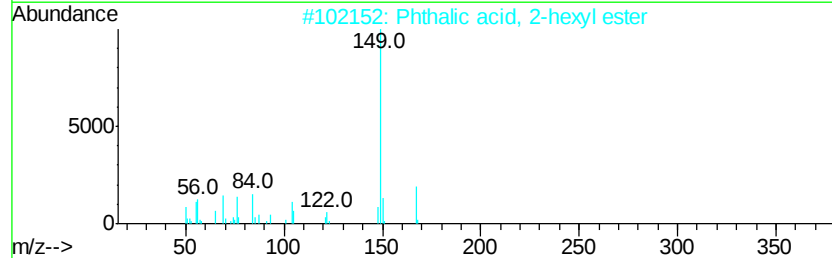
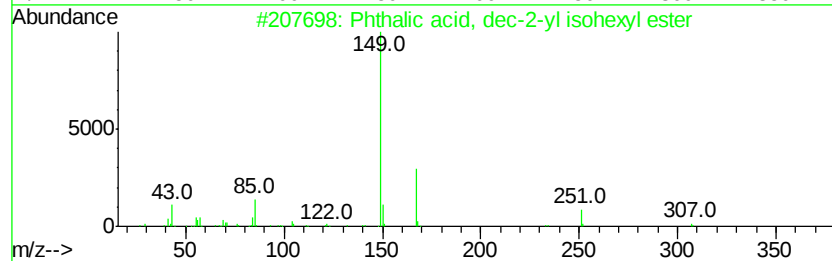
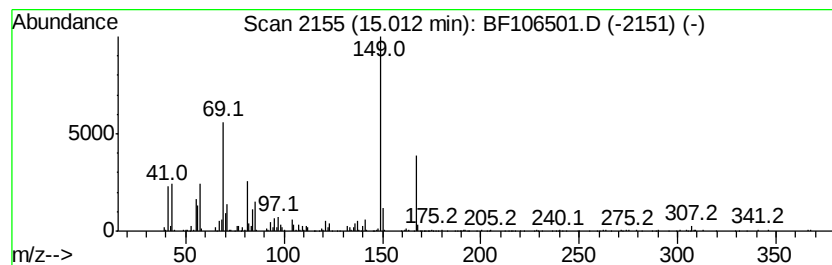
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phthalic acid, dec-2-yl iso... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	13.72 ng	561926	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, dec-2-yl isohexyl...	390	C24H38O4	1000356-94-1	72
2		Phthalic acid, 2-hexyl ester	250	C14H18O4	079107-80-5	64
3		Phthalic acid, di(4-methylpent-2...	334	C20H30O4	1000356-88-6	64
4		Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	59
5		4-Methoxyanthranilic acid	167	C8H9NO3	004294-95-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106501.D
 Acq On : 15 Jun 2018 19:26
 Operator : JU/SJ
 Sample : J3497-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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
Cyclohexanol	5.76	3.0	ng	107574	1	6.97	722224	20.0
Cyclohexanone	5.84	4.6	ng	164956	1	6.97	722224	20.0
unknown7.60	7.60	3.6	ng	130607	1	6.97	722224	20.0
Cyclohexane, (1-m...	8.53	4.6	ng	206825	2	8.25	898295	20.0
Octane, 3,6-dimet...	8.65	6.1	ng	273033	2	8.25	898295	20.0
unknown8.68	8.68	2.6	ng	115674	2	8.25	898295	20.0
Tridecane	8.82	8.1	ng	364388	2	8.25	898295	20.0
unknown9.02	9.02	2.9	ng	130235	2	8.25	898295	20.0
Heptylcyclohexane	9.15	3.1	ng	129644	3	10.01	827706	20.0
Dodecane, 2,7,10-...	9.25	6.1	ng	251285	3	10.01	827706	20.0
Tetradecane	9.39	6.9	ng	286220	3	10.01	827706	20.0
Hexadecane	9.92	4.2	ng	174931	3	10.01	827706	20.0
Heptadecane, 2,6,...	10.42	4.3	ng	176979	3	10.01	827706	20.0
Pentadecane, 2,6,...	10.64	5.4	ng	221834	3	10.01	827706	20.0
Butyl citrate	12.88	2.6	ng	111096	5	14.15	851457	20.0
1,4-Benzenedicarb...	14.78	4.8	ng	206406	5	14.15	851457	20.0
Phthalic acid, de...	15.01	13.7	ng	561926	6	15.69	819234	20.0