

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102985.D
 Acq On : 14 Feb 2018 13:21
 Operator : SJ/JU
 Sample : J1537-04 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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	3.904	303	309	319	rBV4	123110	248152	9.03%	0.387%
2	4.199	349	359	363	rBV2	130314	197598	7.19%	0.308%
3	4.510	408	412	414	rBV	307104	361987	13.17%	0.565%
4	4.628	425	432	437	rBV2	168345	220408	8.02%	0.344%
5	4.928	480	483	489	rVB	240351	280909	10.22%	0.439%
6	5.010	495	497	499	rVV2	220288	230286	8.38%	0.359%
7	5.034	499	501	506	rVB	305956	290792	10.58%	0.454%
8	5.087	506	510	514	rBV	539986	578381	21.04%	0.903%
9	5.287	539	544	547	rBV3	311924	411187	14.96%	0.642%
10	5.369	553	558	560	rBV3	314381	429921	15.64%	0.671%
11	5.393	560	562	564	rVV	303613	239695	8.72%	0.374%
12	5.469	571	575	576	rVV	685508	732698	26.66%	1.144%
13	5.487	576	578	582	rVB	2018893	1763646	64.17%	2.753%
14	5.569	588	592	595	rBV2	225908	234784	8.54%	0.367%
15	5.646	601	605	610	rBV3	371192	610395	22.21%	0.953%
16	5.693	610	613	615	rVB	368462	327893	11.93%	0.512%
17	5.734	615	620	625	rBV3	277803	501346	18.24%	0.783%
18	5.781	625	628	630	rBV2	288901	289215	10.52%	0.451%
19	5.881	642	645	646	rVV	306405	298206	10.85%	0.466%
20	5.898	646	648	651	rVB	537669	472546	17.19%	0.738%
21	5.940	651	655	658	rBV3	215397	325457	11.84%	0.508%
22	6.034	664	671	674	rVB3	619496	807298	29.37%	1.260%
23	6.075	674	678	680	rBV3	189138	233739	8.50%	0.365%
24	6.122	680	686	693	rVV2	1179584	1976599	71.92%	3.085%
25	6.175	693	695	698	rVV	608148	532356	19.37%	0.831%
26	6.216	698	702	704	rVV5	205829	315639	11.48%	0.493%
27	6.240	704	706	708	rVV	224152	182810	6.65%	0.285%
28	6.263	708	710	713	rVB2	216859	197192	7.17%	0.308%
29	6.310	713	718	721	rBV3	605003	942965	34.31%	1.472%
30	6.351	721	725	726	rVV3	219670	233580	8.50%	0.365%
31	6.369	726	728	731	rVB	901183	722833	26.30%	1.128%
32	6.404	731	734	741	rBV3	1122927	1791922	65.20%	2.797%
33	6.457	741	743	746	rVV	500381	464859	16.91%	0.726%
34	6.498	746	750	753	rVV	1989696	1749223	63.65%	2.731%

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35	6.545	756	758	762	rVV4	359336	447792	16.29%	0.699%
36	6.604	765	768	769	rBV2	429259	397106	14.45%	0.620%
37	6.640	772	774	782	rVB	1893449	2319920	84.41%	3.621%
38	6.704	782	785	788	rBV4	382492	505598	18.40%	0.789%
39	6.734	788	790	792	rVB2	304798	238494	8.68%	0.372%
40	6.834	803	807	809	rBV3	244679	336927	12.26%	0.526%
41	6.881	811	815	818	rVV2	1712640	1872584	68.13%	2.923%
42	6.934	821	824	826	rVB2	396522	347921	12.66%	0.543%
43	6.981	830	832	835	rVB2	281451	261771	9.52%	0.409%
44	7.034	835	841	843	rBV3	1629964	2299505	83.67%	3.590%
45	7.051	843	844	847	rVB	576975	422252	15.36%	0.659%
46	7.098	850	852	854	rBV2	378742	364350	13.26%	0.569%
47	7.145	857	860	863	rVB	1203525	1057004	38.46%	1.650%
48	7.175	863	865	866	rBV	466163	328324	11.95%	0.513%
49	7.210	866	871	875	rVB2	586611	918464	33.42%	1.434%
50	7.257	875	879	880	rBV	611964	644456	23.45%	1.006%
51	7.298	884	886	891	rVB4	278109	375382	13.66%	0.586%
52	7.410	899	905	907	rBV2	1204965	1592155	57.93%	2.485%
53	7.439	907	910	913	rVB2	1316757	1428757	51.99%	2.230%
54	7.516	918	923	926	rBV4	874174	1224419	44.55%	1.911%
55	7.569	926	932	937	rBV6	497887	1139104	41.45%	1.778%
56	7.622	939	941	943	rVV2	262276	259874	9.46%	0.406%
57	7.651	943	946	949	rVV3	670317	897624	32.66%	1.401%
58	7.681	949	951	953	rVV2	475359	422292	15.37%	0.659%
59	7.751	960	963	965	rVV3	452527	484915	17.64%	0.757%
60	7.775	965	967	969	rVV	679698	554919	20.19%	0.866%
61	7.798	969	971	974	rVV3	711702	835125	30.39%	1.304%
62	7.828	974	976	980	rVB4	854867	898523	32.69%	1.403%
63	7.869	980	983	985	rBV3	383102	330331	12.02%	0.516%
64	7.898	985	988	991	rVV2	1148224	1215781	44.24%	1.898%
65	7.945	994	996	998	rVV	375872	259833	9.45%	0.406%
66	7.975	998	1001	1004	rVV5	348184	350654	12.76%	0.547%
67	8.028	1007	1010	1013	rBV3	420596	437942	15.93%	0.684%
68	8.057	1013	1015	1017	rBV2	206136	178737	6.50%	0.279%
69	8.104	1018	1023	1026	rVV6	401517	690849	25.14%	1.078%
70	8.157	1026	1032	1035	rVV2	1539784	2748372	100.00%	4.290%
71	8.210	1038	1041	1044	rVB2	1545942	1613293	58.70%	2.518%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	8.245	1044	1047	1049	rBV3	539545	565248	20.57%	0.882%
73	8.310	1054	1058	1059	rBV3	215019	224049	8.15%	0.350%
74	8.363	1064	1067	1069	rVB2	312730	280499	10.21%	0.438%
75	8.445	1077	1081	1085	rVB4	638554	844838	30.74%	1.319%
76	8.498	1085	1090	1093	rVB4	167777	280063	10.19%	0.437%
77	8.539	1093	1097	1100	rBV3	251777	319203	11.61%	0.498%
78	8.569	1100	1102	1105	rVV	761240	634855	23.10%	0.991%
79	8.598	1105	1107	1109	rVV2	210762	195678	7.12%	0.305%
80	8.622	1109	1111	1115	rVB3	358590	325049	11.83%	0.507%
81	8.663	1115	1118	1120	rBV3	250301	217202	7.90%	0.339%
82	8.745	1129	1132	1135	rBV3	248917	265218	9.65%	0.414%
83	8.839	1145	1148	1151	rVB2	253538	305266	11.11%	0.477%
84	8.869	1151	1153	1157	rVB	300787	231545	8.42%	0.361%
85	8.969	1168	1170	1173	rVV	223214	192124	6.99%	0.300%
86	9.034	1177	1181	1183	rBV4	118985	191620	6.97%	0.299%
87	9.063	1183	1186	1189	rVB3	139196	184877	6.73%	0.289%
88	9.169	1202	1204	1211	rVV	627727	550302	20.02%	0.859%
89	9.228	1211	1214	1219	rVB	1964539	1722895	62.69%	2.689%
90	9.310	1224	1228	1232	rBV2	243000	313200	11.40%	0.489%
91	9.569	1269	1272	1275	rVV4	133497	195931	7.13%	0.306%
92	9.622	1278	1281	1284	rVV3	706376	744110	27.07%	1.162%
93	9.822	1312	1315	1322	rVB2	176400	256903	9.35%	0.401%
94	9.916	1327	1331	1334	rVV	1309666	1236271	44.98%	1.930%
95	10.551	1436	1439	1445	rVB	280445	313400	11.40%	0.489%
96	10.698	1461	1464	1469	rBV	853437	756213	27.51%	1.180%
97	10.822	1480	1485	1488	rBV	556429	623269	22.68%	0.973%
98	11.286	1561	1564	1570	rVB	392977	413345	15.04%	0.645%
99	11.404	1580	1584	1586	rBV	1044637	1004359	36.54%	1.568%
100	12.986	1850	1853	1856	rVB	941299	775637	28.22%	1.211%

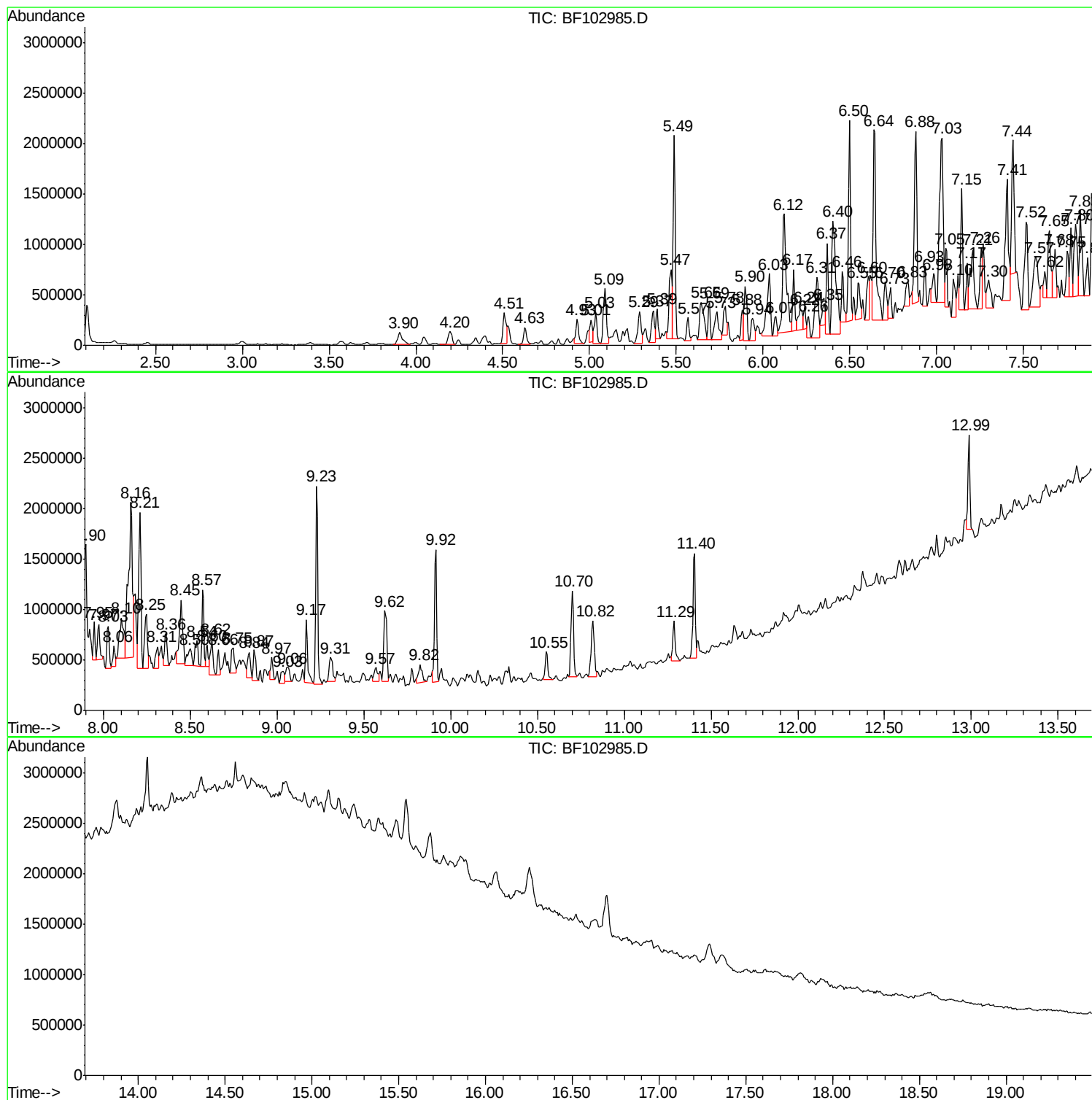
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BNA_F
ClientSampled :
SB-02-COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.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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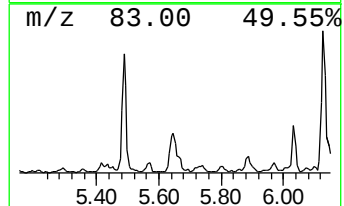
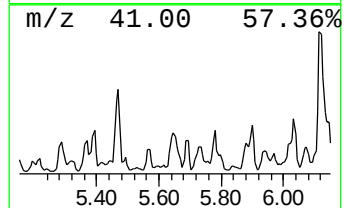
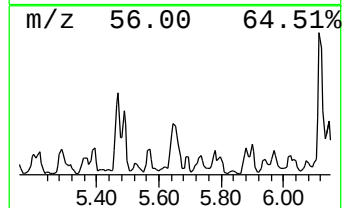
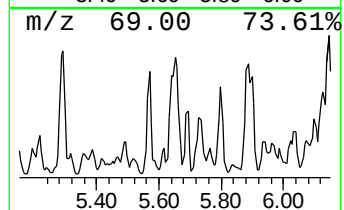
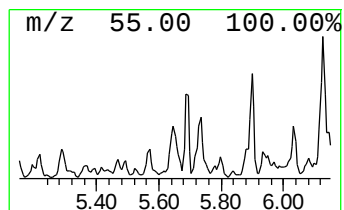
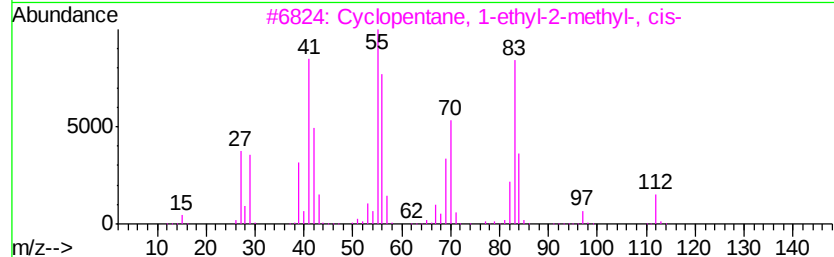
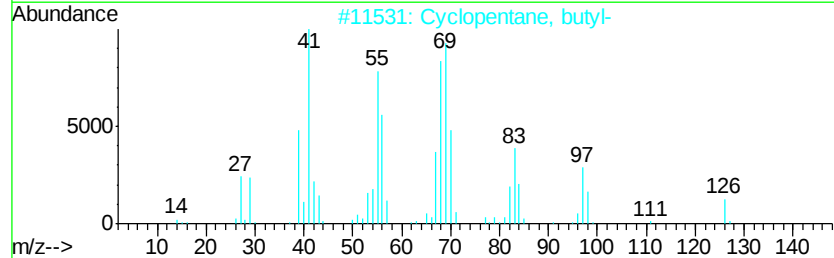
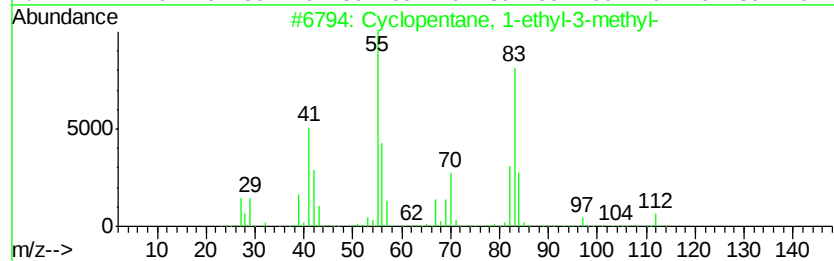
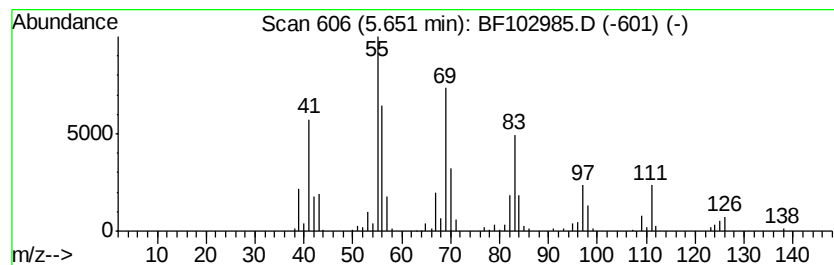
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclopentane, 1-ethyl-3-met... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	6.52 ng	610395	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	58
2		Cyclopentane, butyl-	126	C9H18	002040-95-1	43
3		Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	43
4		Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	38
5		cis-2-Nonene	126	C9H18	006434-77-1	35



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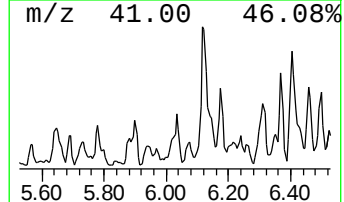
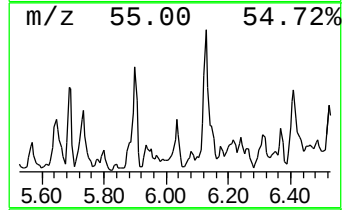
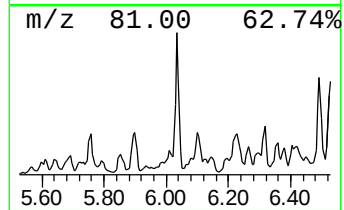
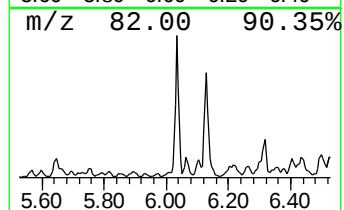
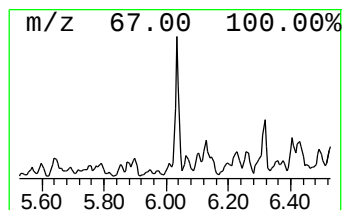
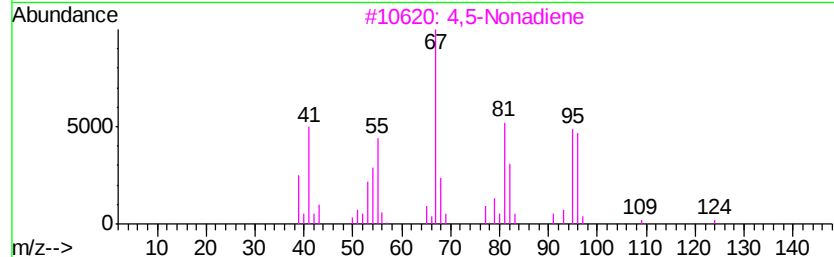
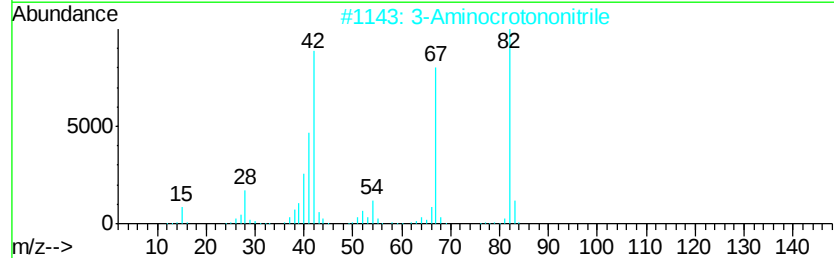
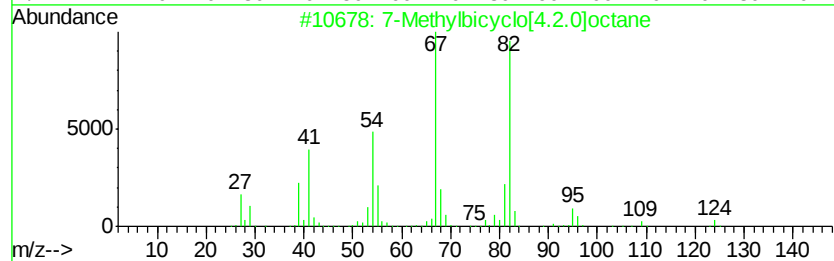
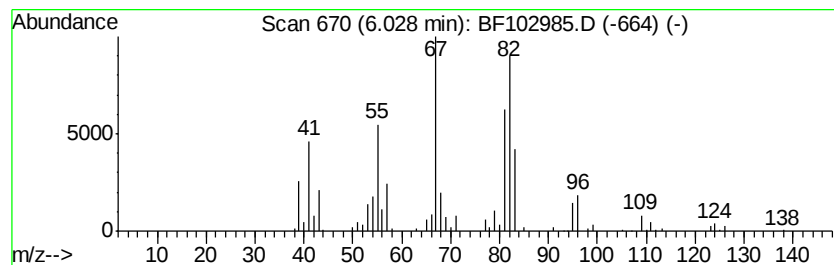
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 7-Methylbicyclo[4.2.0]octane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	8.62 ng	807298	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	80
2		3-Aminocrotononitrile	82	C4H6N2	001118-61-2	52
3		4,5-Nonadiene	124	C9H16	000821-74-9	49
4		3-Octyne, 2-methyl-	124	C9H16	055402-15-8	46
5		Cyclopentane, ethylidene-	96	C7H12	002146-37-4	43



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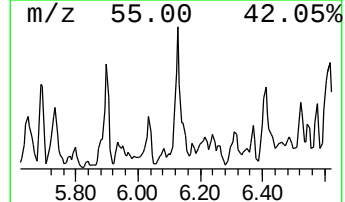
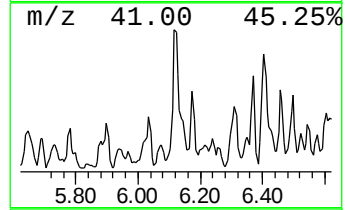
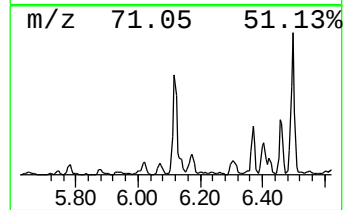
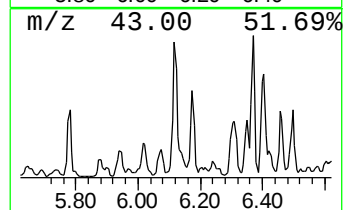
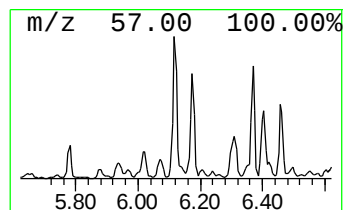
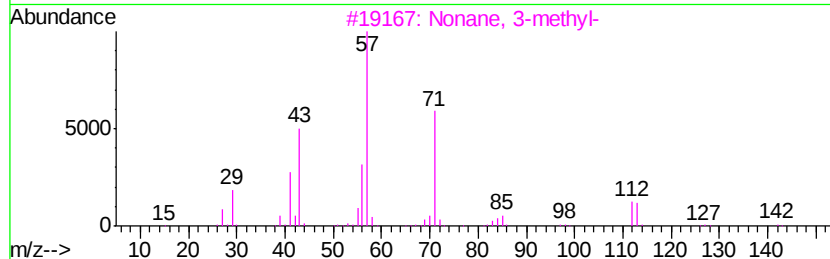
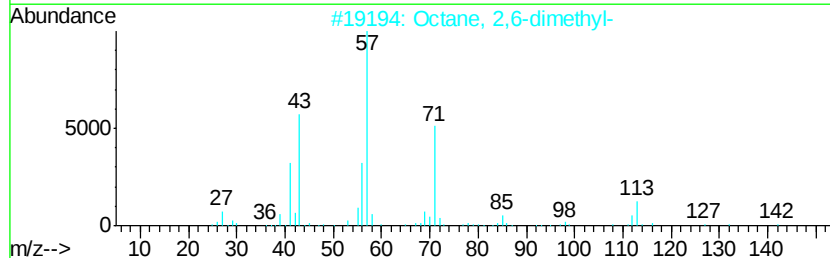
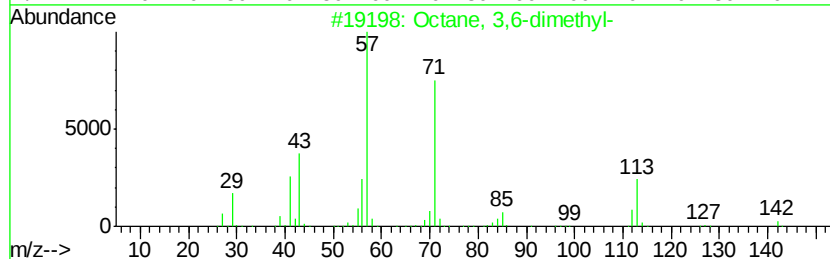
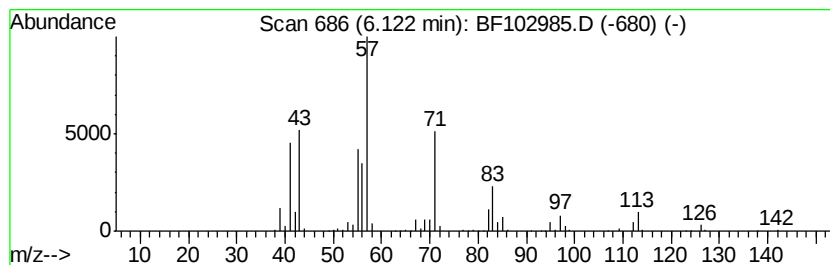
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	21.11 ng	1976600	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
Operator : SJ/JU
Sample : J1537-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02-COMP

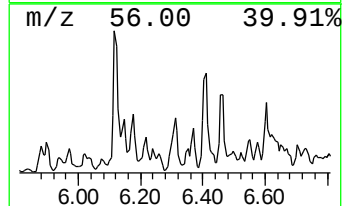
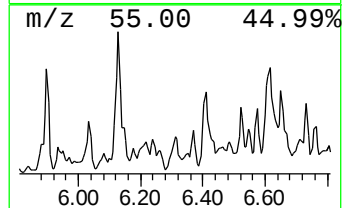
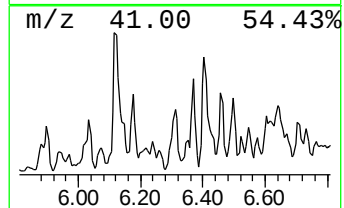
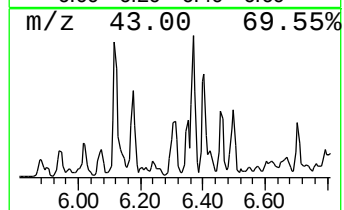
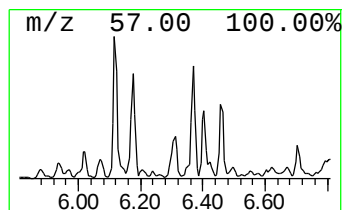
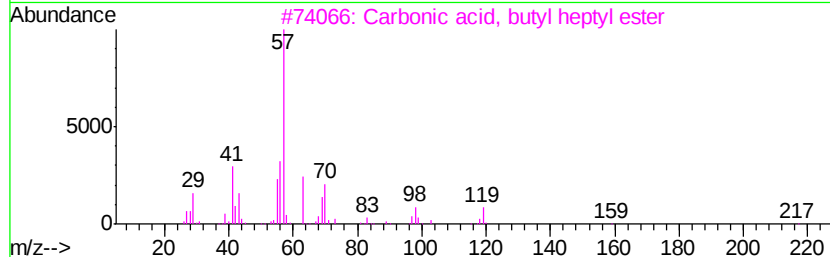
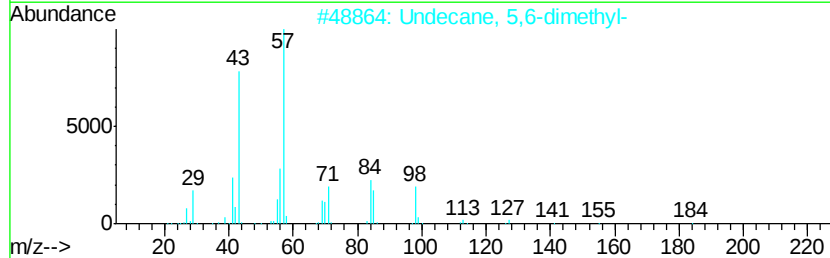
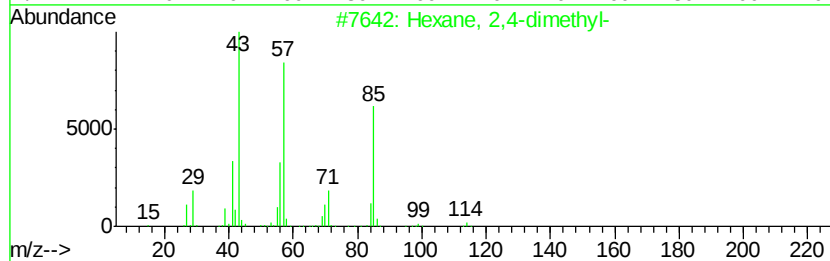
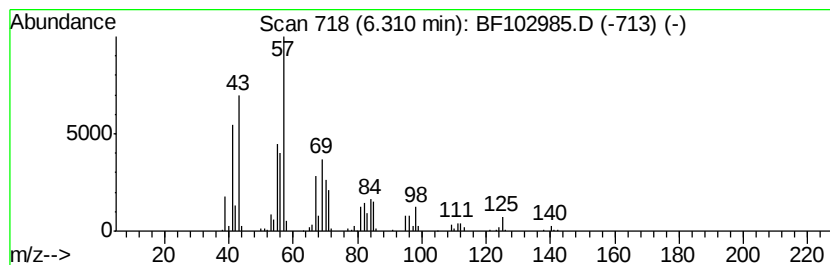
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexane, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	10.07 ng	942965	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
2		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	47
3		Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	43
4		1-Propene, 1-(2-propenyl)-, (E)-	98	C6H10O	061142-13-0	38
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
Operator : SJ/JU
Sample : J1537-04 2X
Misc :
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Instrument :
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ClientSampleId :
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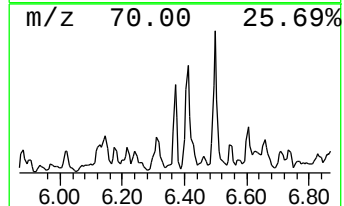
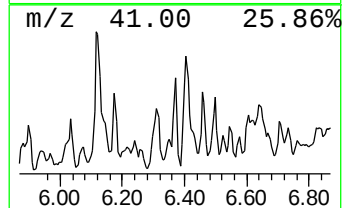
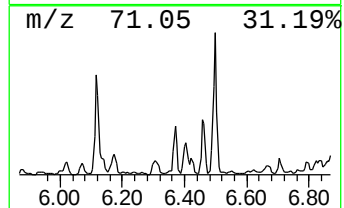
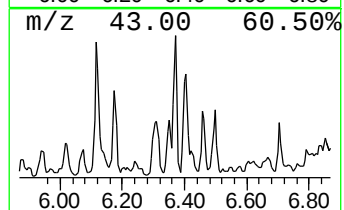
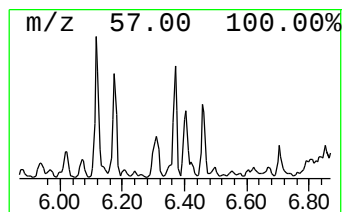
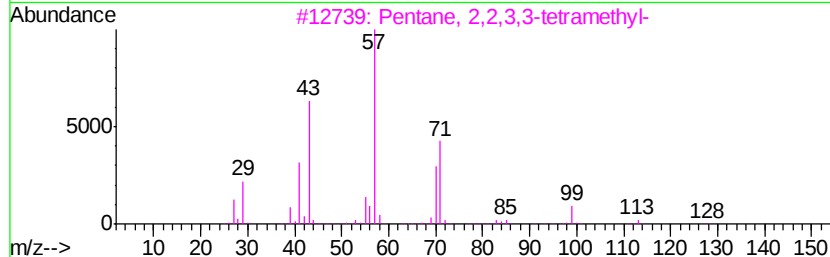
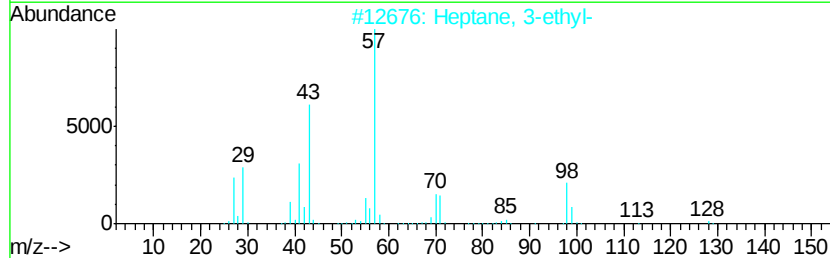
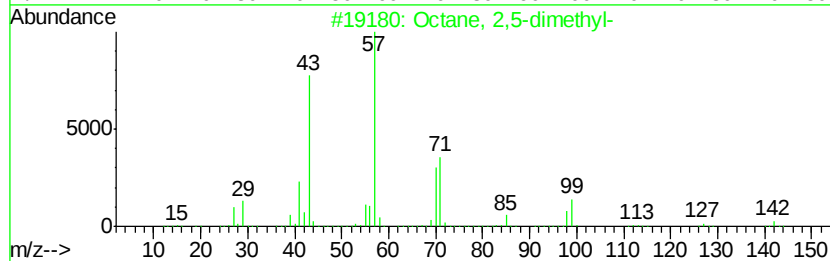
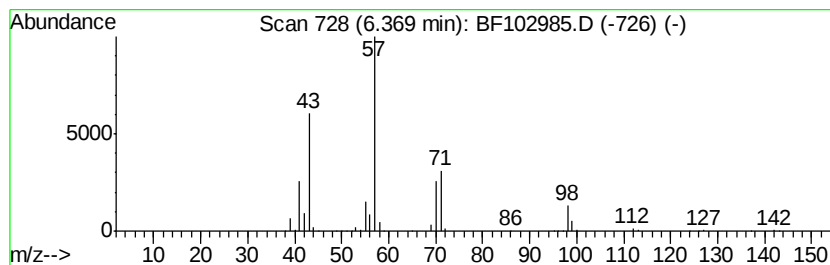
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	7.72 ng	722833	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
2		Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
5		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
Operator : SJ/JU
Sample : J1537-04 2X
Misc :
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Instrument :
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ClientSampleId :
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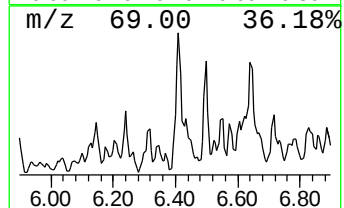
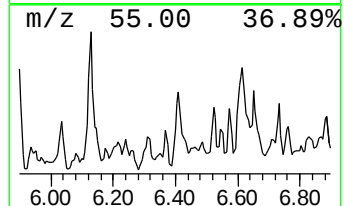
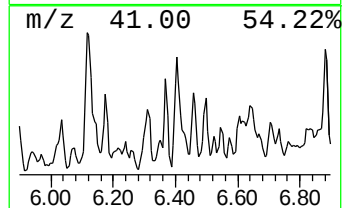
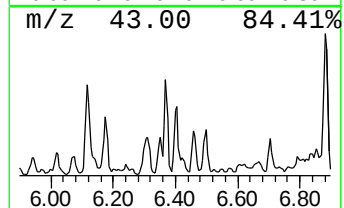
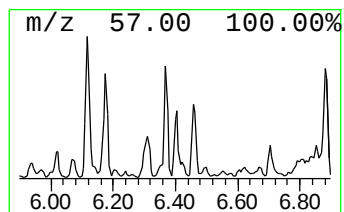
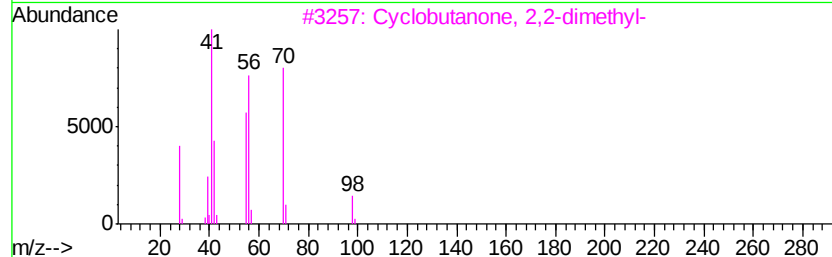
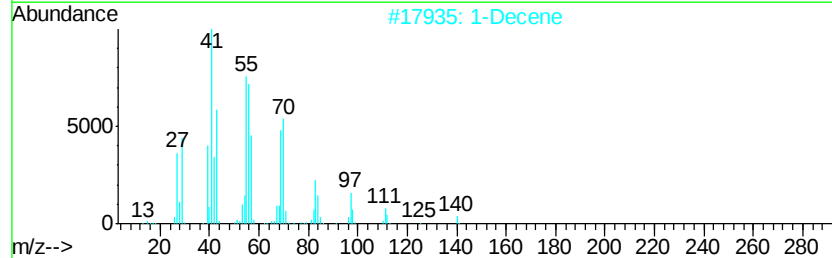
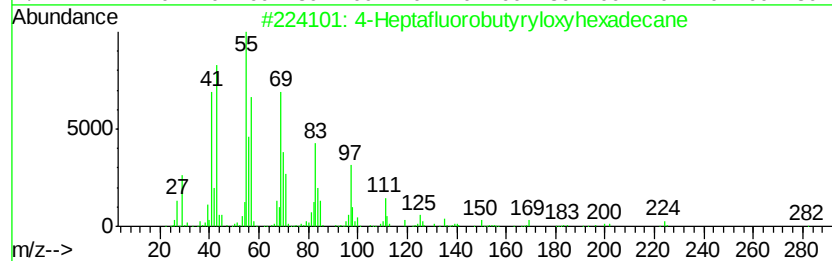
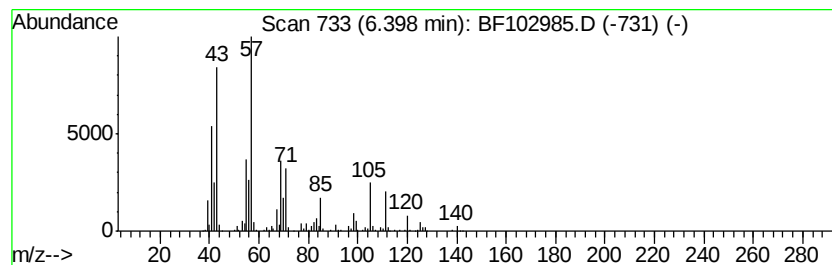
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4-Heptafluorobutyryloxyhexa... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	19.14 ng	1791920	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	72
2	1-Decene	140	C10H20	000872-05-9	55
3	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	47
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
5	2-Octyl methylphosphonofluoridate	210	C9H20F02P	022925-97-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
Operator : SJ/JU
Sample : J1537-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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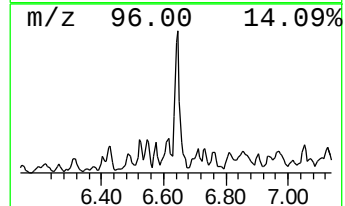
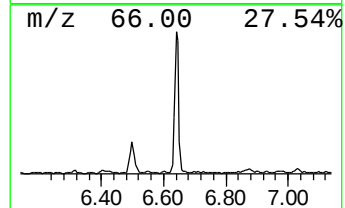
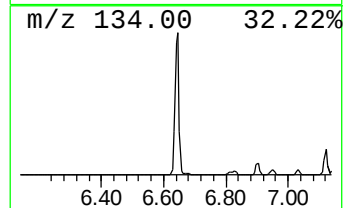
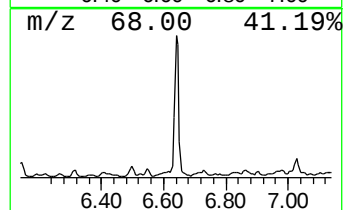
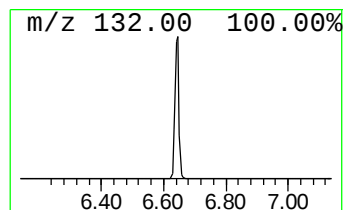
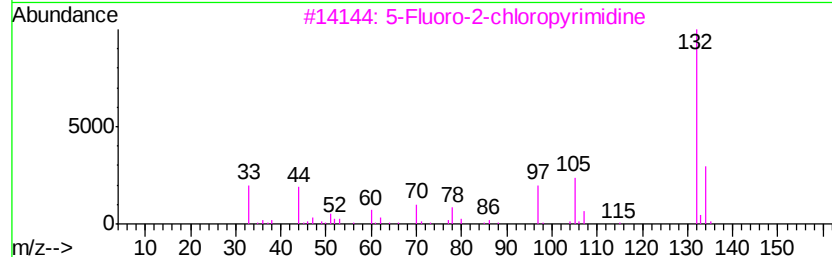
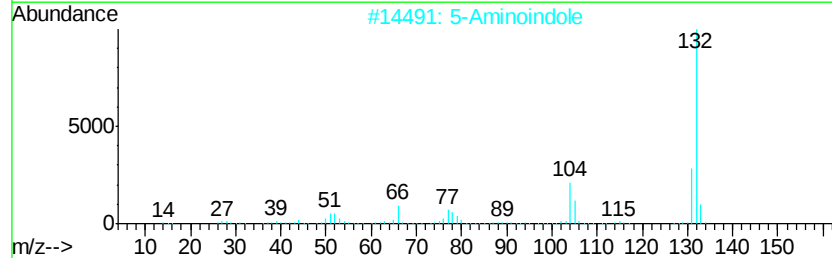
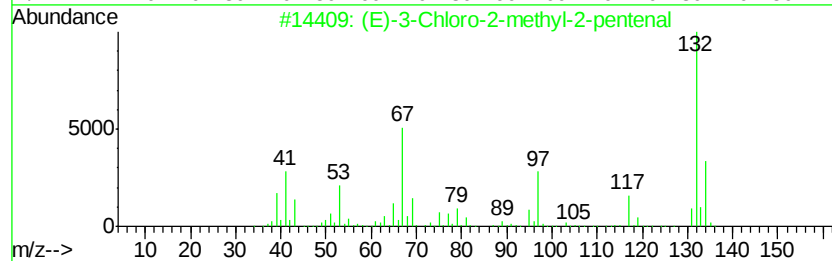
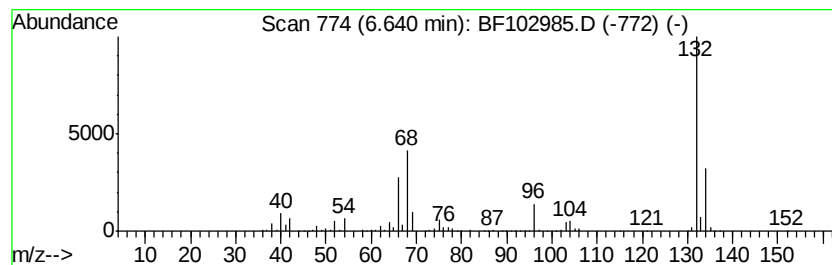
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	24.78 ng	2319920	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
Operator : SJ/JU
Sample : J1537-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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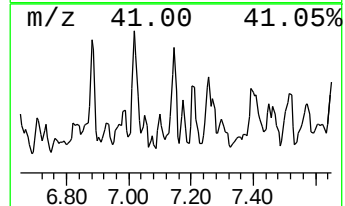
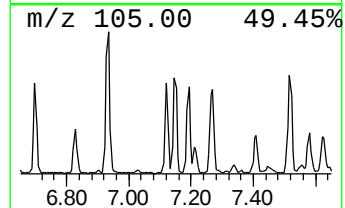
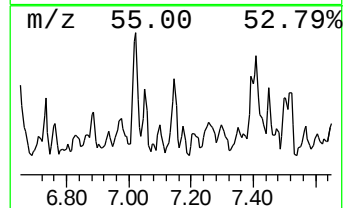
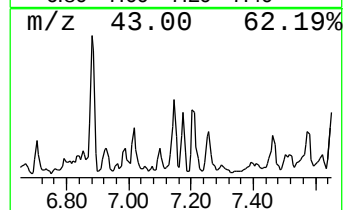
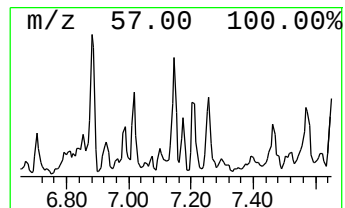
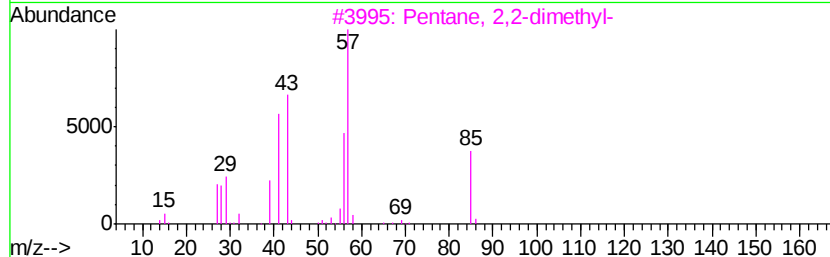
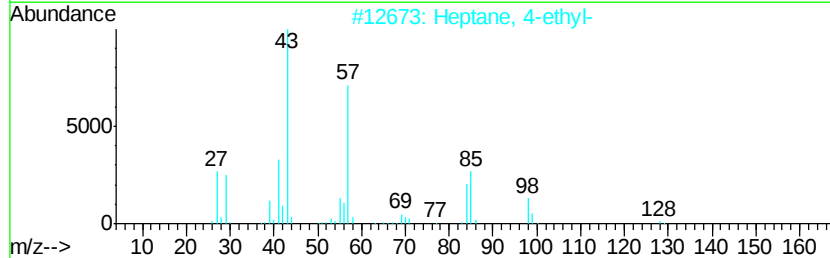
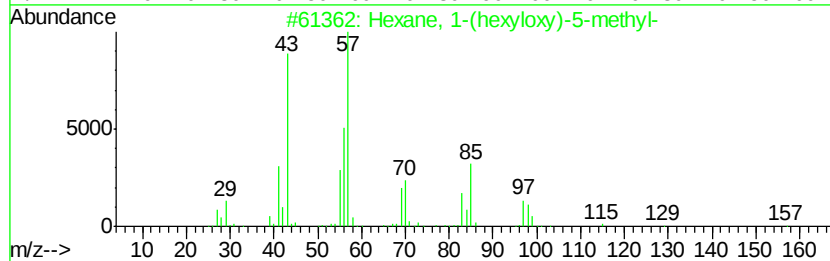
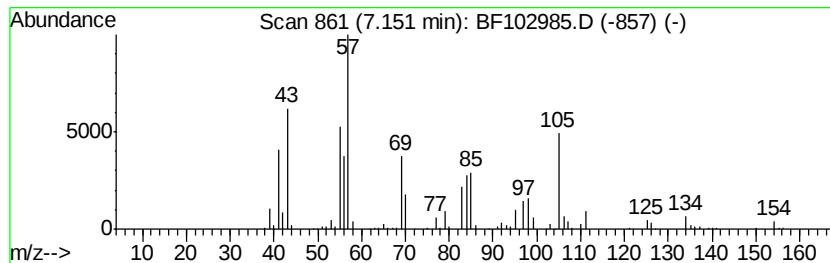
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.15 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	11.29 ng	1057000	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	49
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	46
3		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	38
4		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	38
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
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ClientSampleId :
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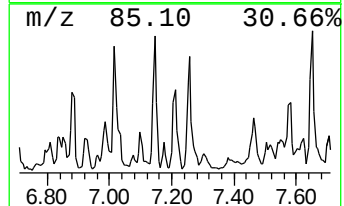
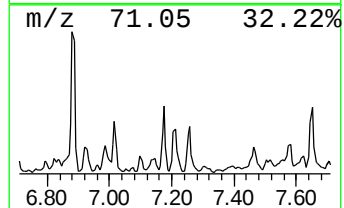
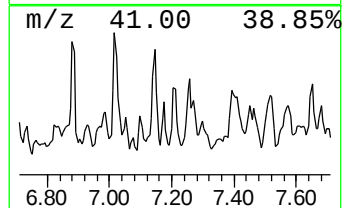
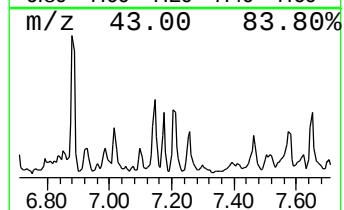
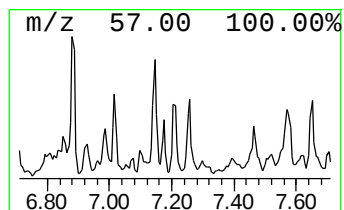
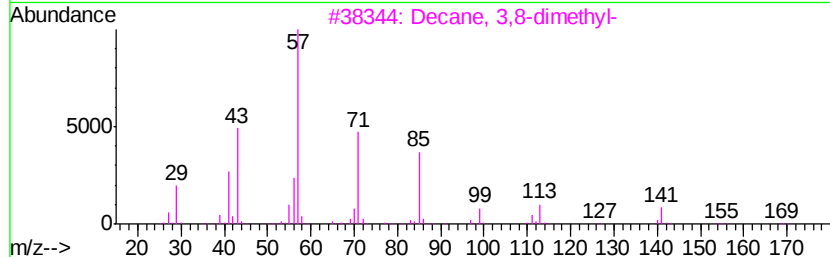
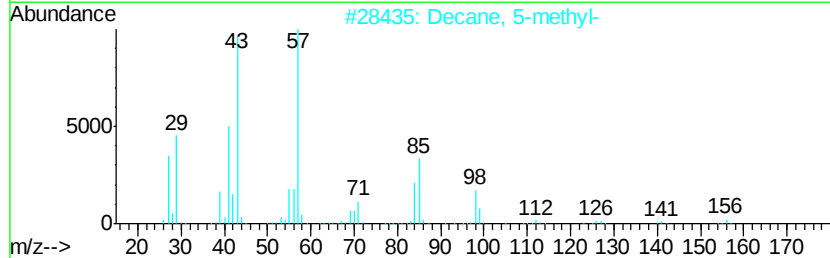
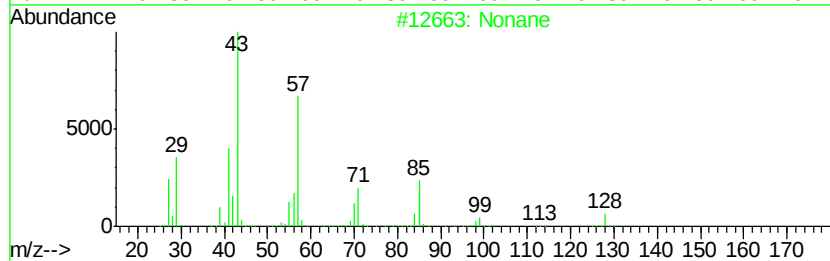
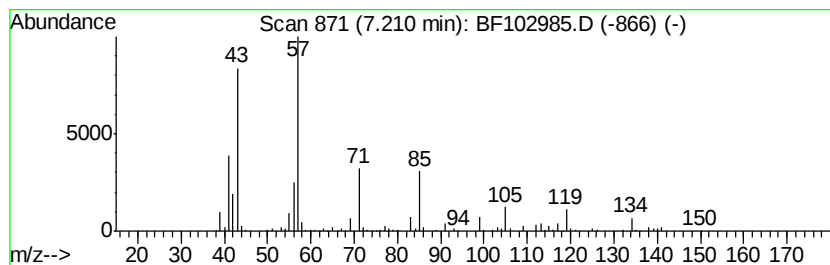
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	9.81 ng	918464	1,4-Dichlorobenzene-d4	6.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane		128	C9H20	000111-84-2	50
2	Decane, 5-methyl-		156	C11H24	013151-35-4	47
3	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	47
4	Octane, 2,7-dimethyl-		142	C10H22	001072-16-8	47
5	Pentane, 2,4-dimethyl-		100	C7H16	000108-08-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
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Acq On : 14 Feb 2018 13:21
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Misc :
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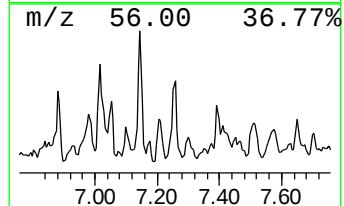
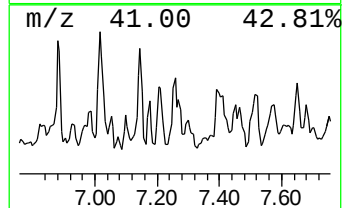
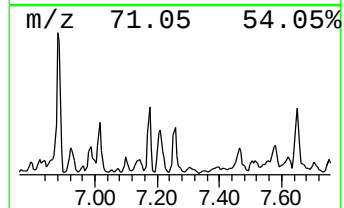
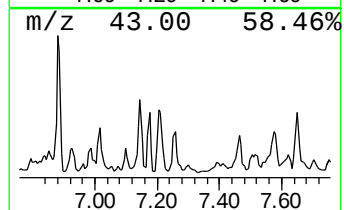
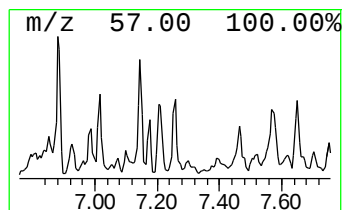
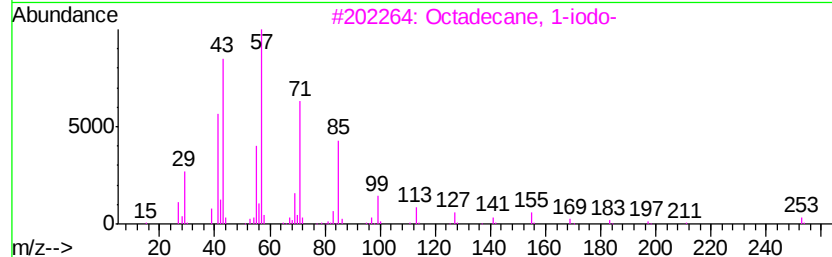
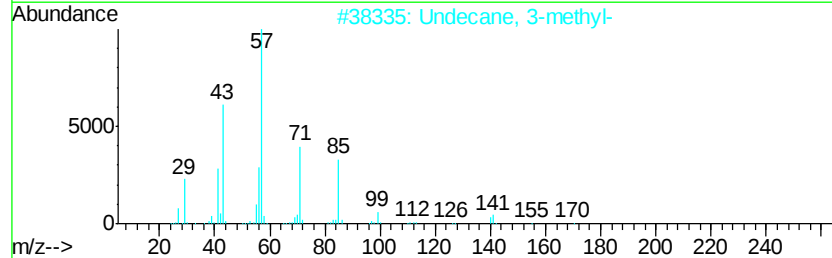
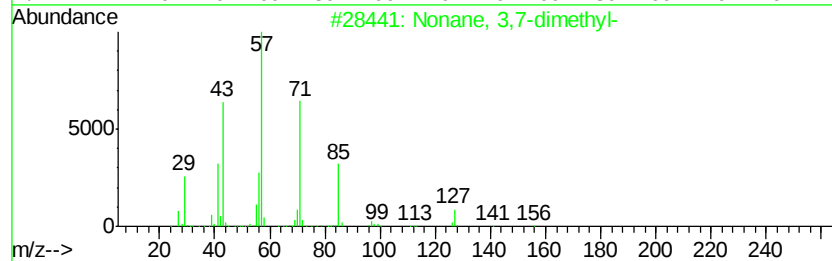
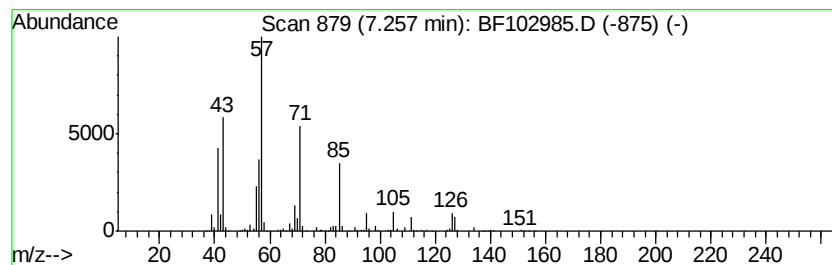
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonane, 3,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	6.88 ng	644456	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	50
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	47
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	47
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
Operator : SJ/JU
Sample : J1537-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02-COMP

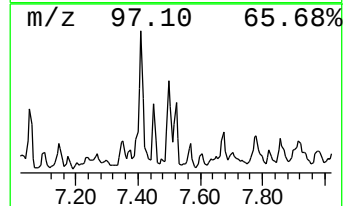
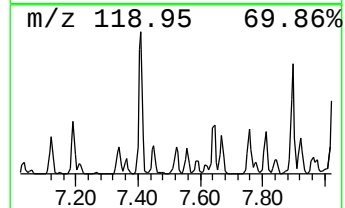
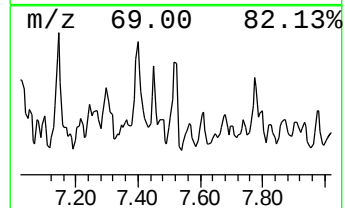
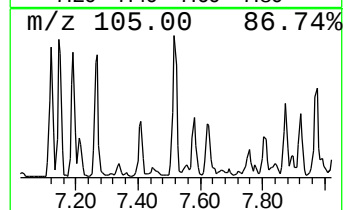
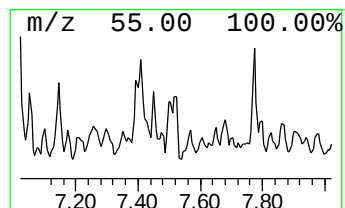
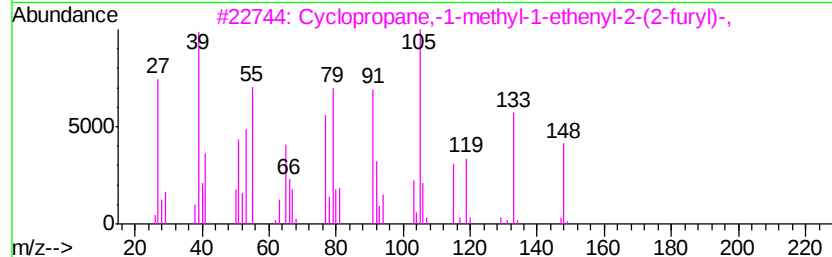
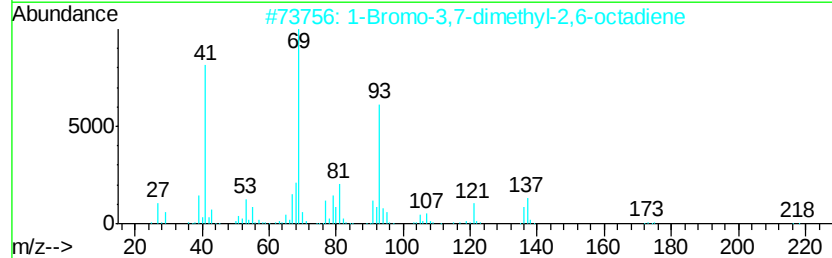
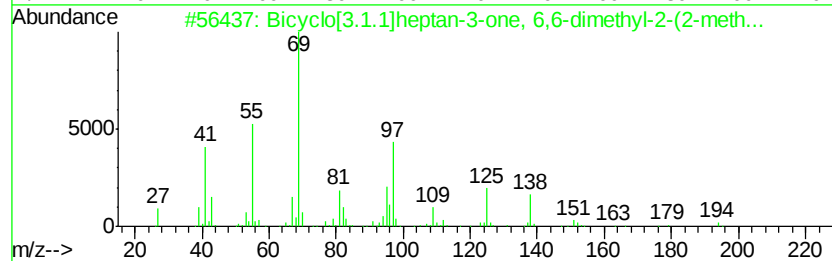
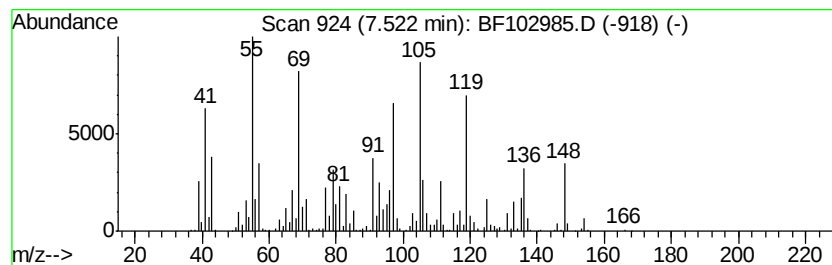
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown7.52 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	8.91 ng	1224420	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	27
2		1-Bromo-3,7-dimethyl-2,6-octadiene	216	C10H17Br	035719-26-7	27
3		Cyclopropane, -1-methyl-1-ethenyl...	148	C10H12O	1000221-96-9	27
4		1-(3,5-Dinitrophenoxy)-3,7,11-tr...	388	C21H28N2O5	1000187-44-2	27
5		Geraniol	154	C10H18O	000106-24-1	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
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Instrument :
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ClientSampleId :
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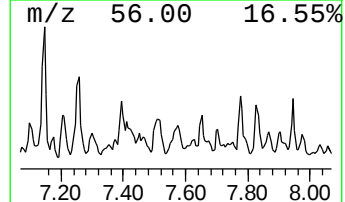
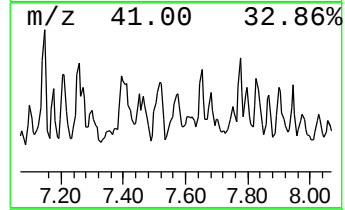
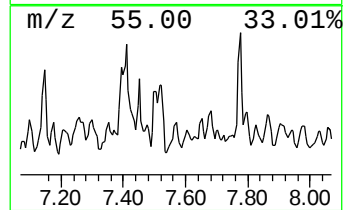
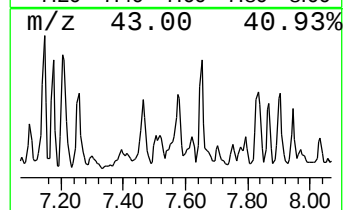
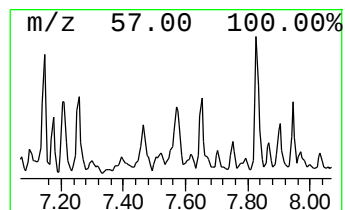
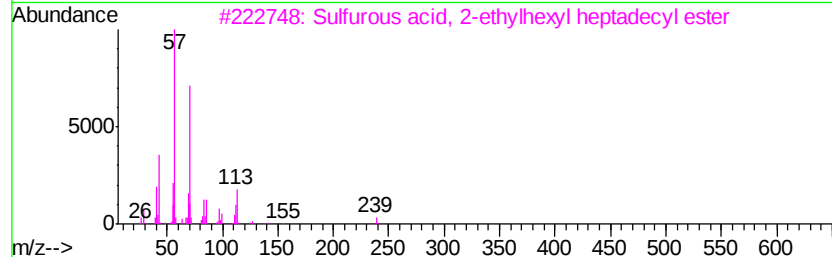
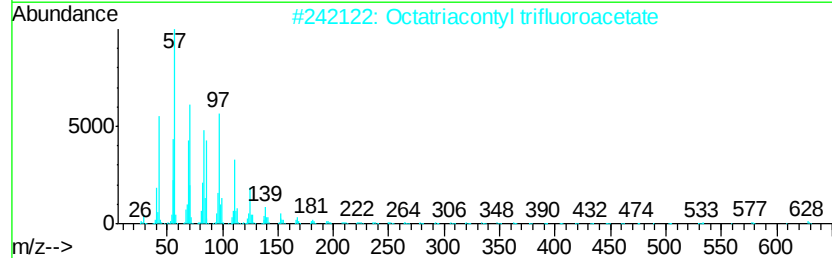
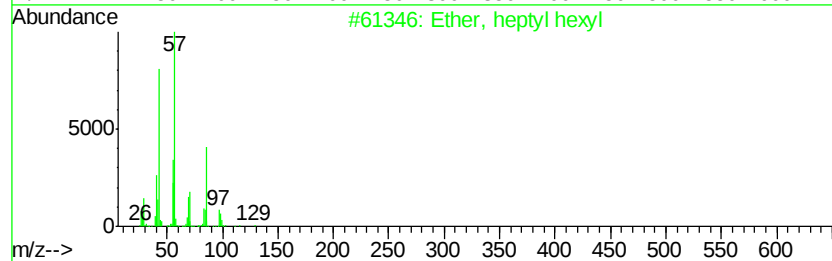
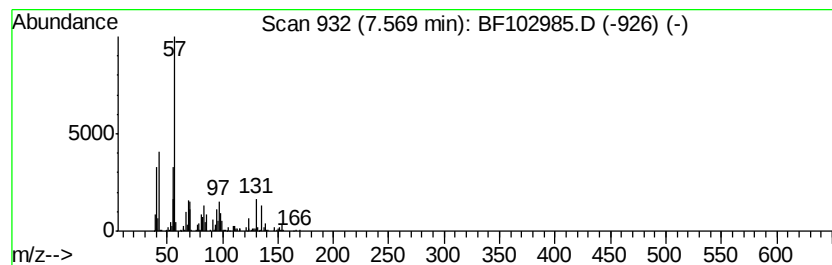
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown7.57 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	8.29 ng	1139100	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ether, heptyl hexyl	200	C13H28O	007289-40-9	35
2		Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	22
3		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	22
4		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	22
5		Octane, 3-methyl-	128	C9H20	002216-33-3	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
Operator : SJ/JU
Sample : J1537-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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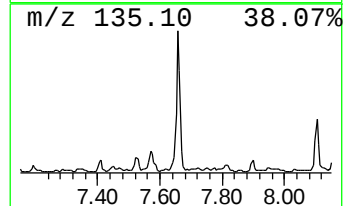
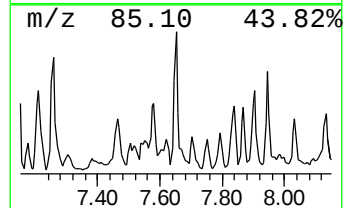
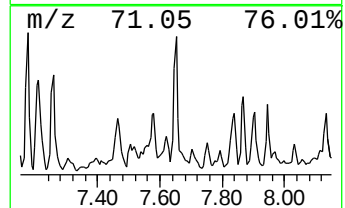
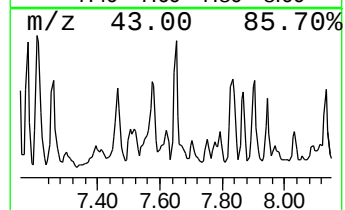
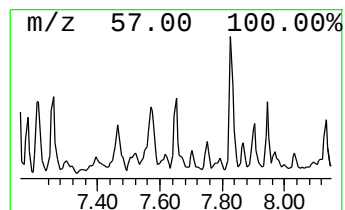
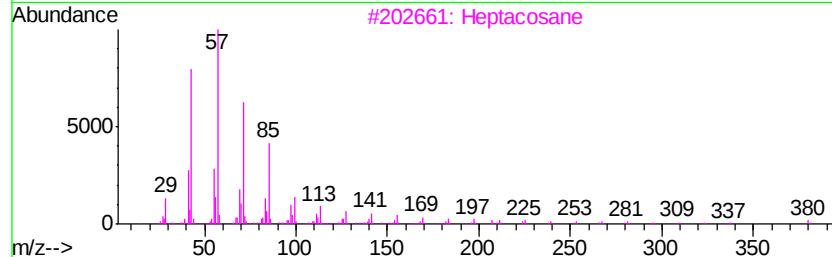
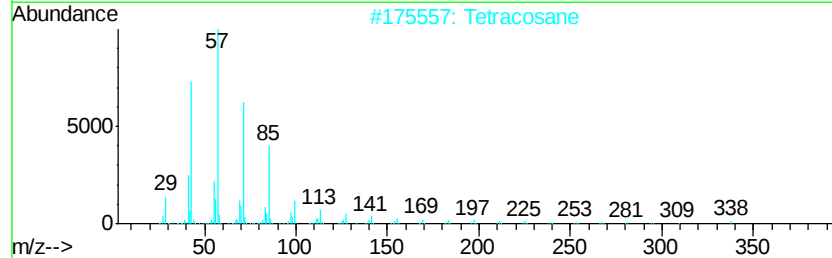
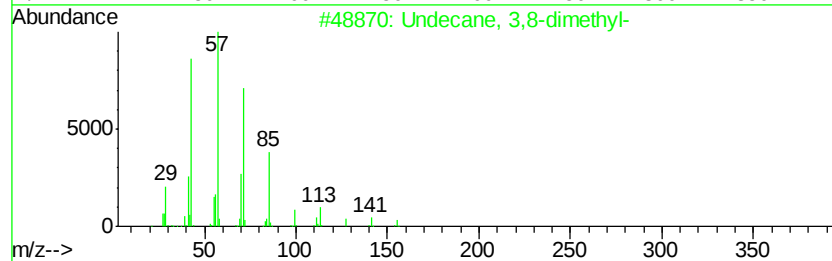
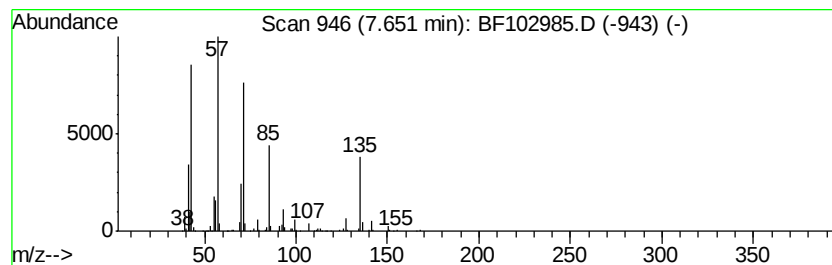
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	6.53 ng	897624	Napthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,8-dimethyl-			184	C13H28	017301-30-3	59
2	Tetracosane			338	C24H50	000646-31-1	53
3	Heptacosane			380	C27H56	000593-49-7	53
4	Nonadecane			268	C19H40	000629-92-5	50
5	Decane, 2,3,7-trimethyl-			184	C13H28	062238-13-5	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
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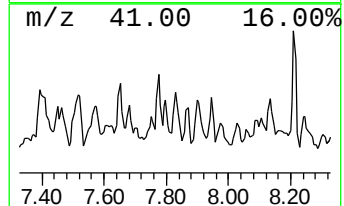
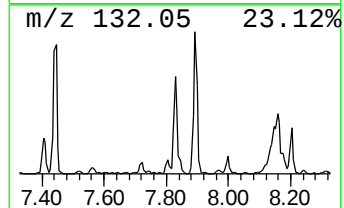
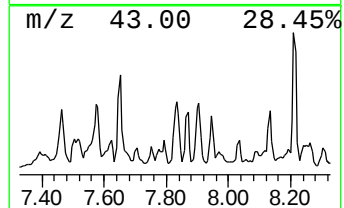
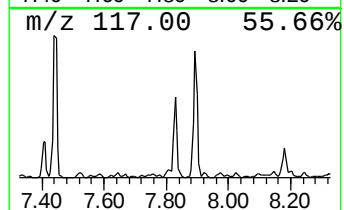
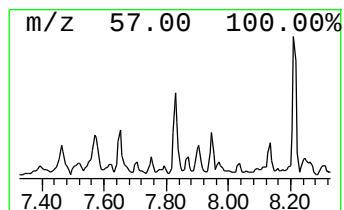
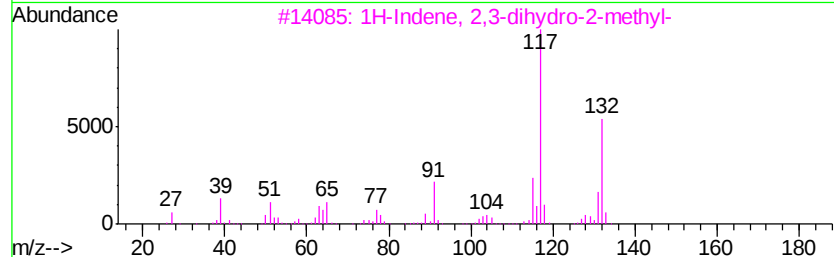
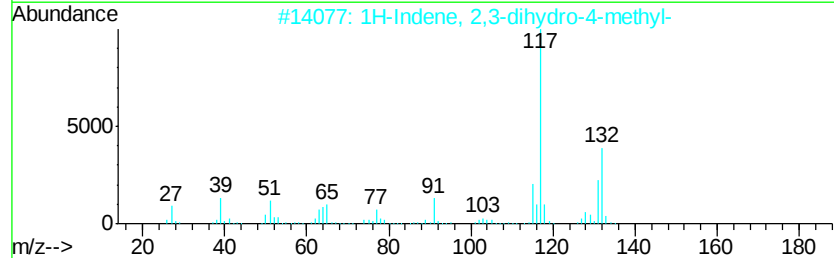
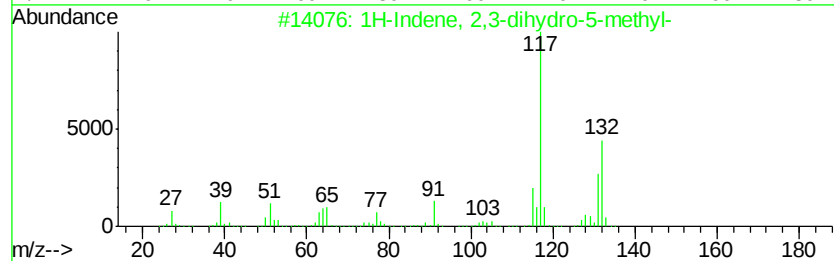
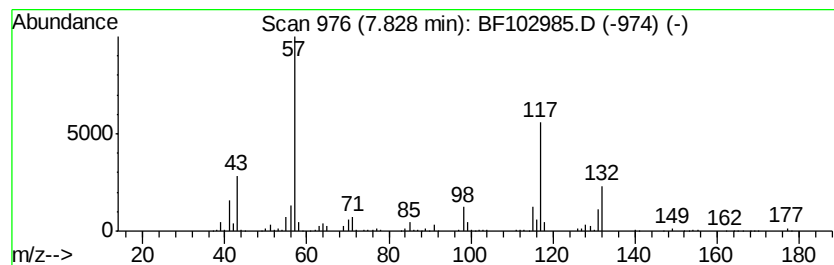
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	6.54 ng	898523	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	62
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	62
3			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	58
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	53
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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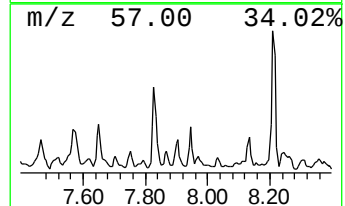
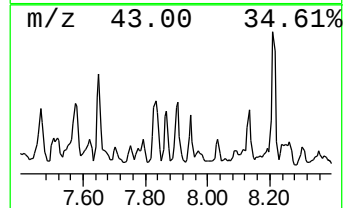
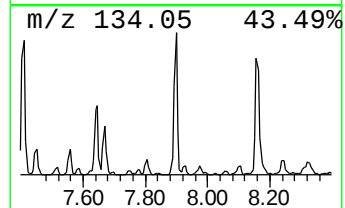
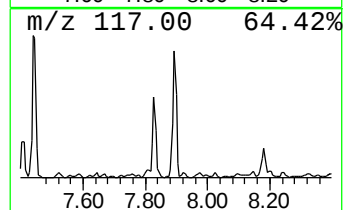
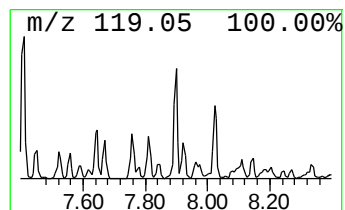
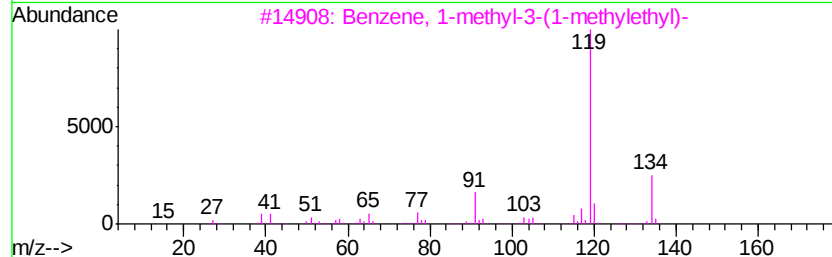
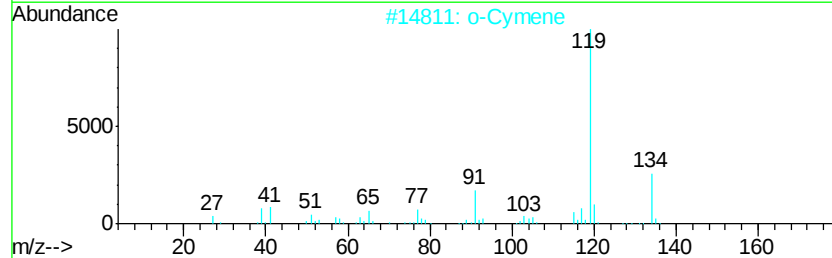
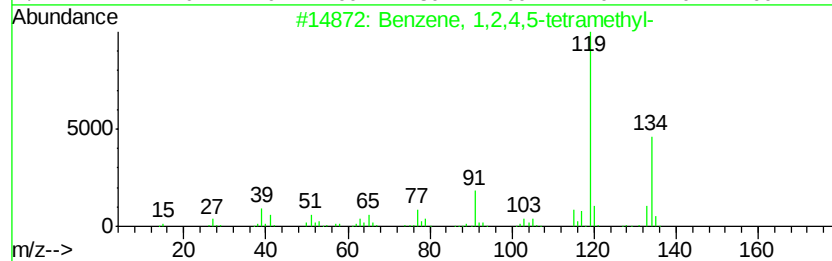
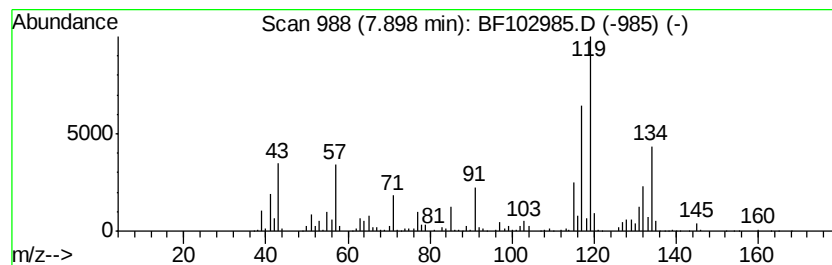
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	8.85 ng	1215780	Napthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
2			o-Cymene	134	C10H14	000527-84-4	60
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	60
4			p-Cymene	134	C10H14	000099-87-6	53
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
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ALS Vial : 10 Sample Multiplier: 1

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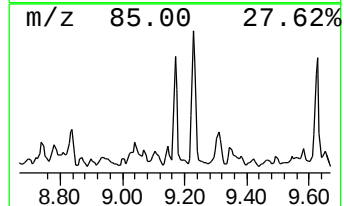
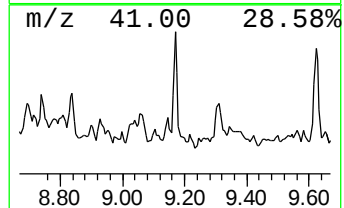
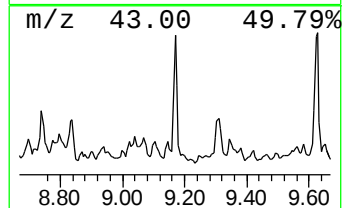
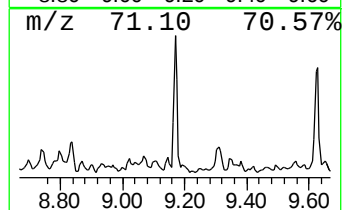
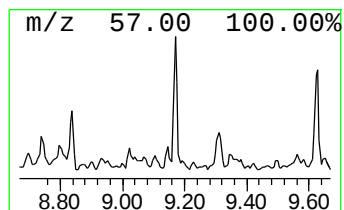
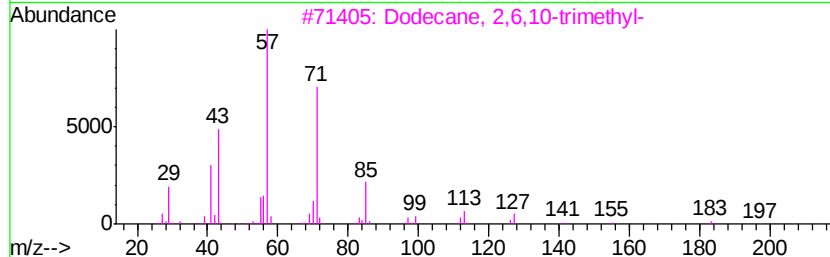
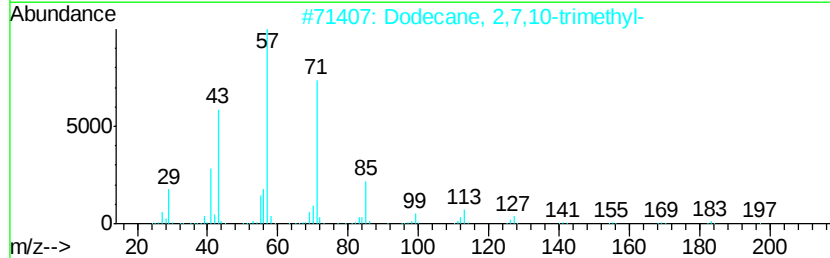
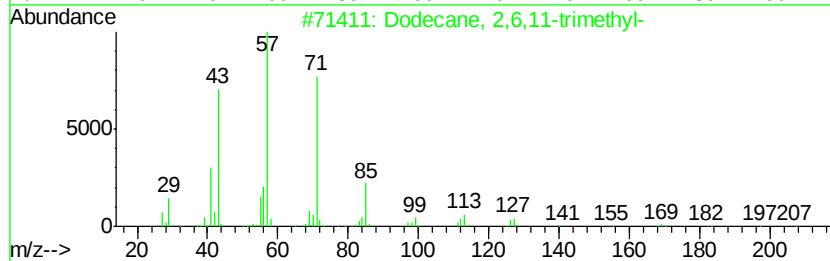
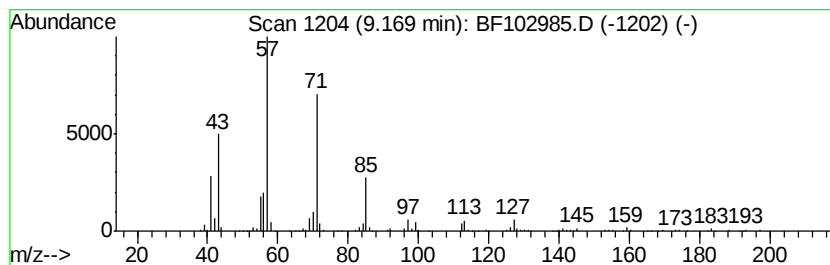
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2,6,11-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	8.90 ng	550302	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

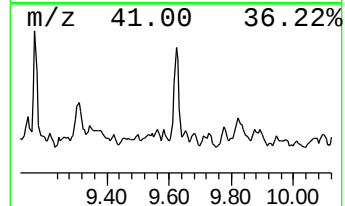
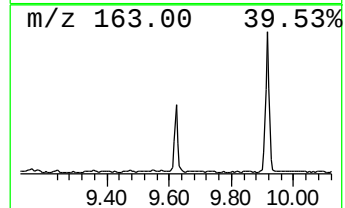
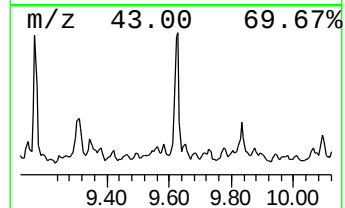
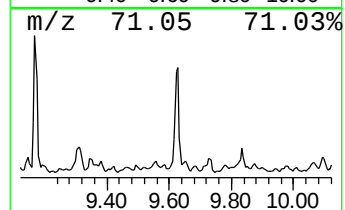
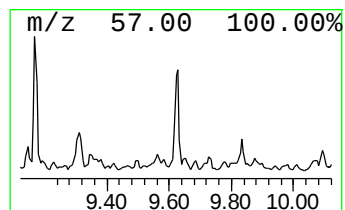
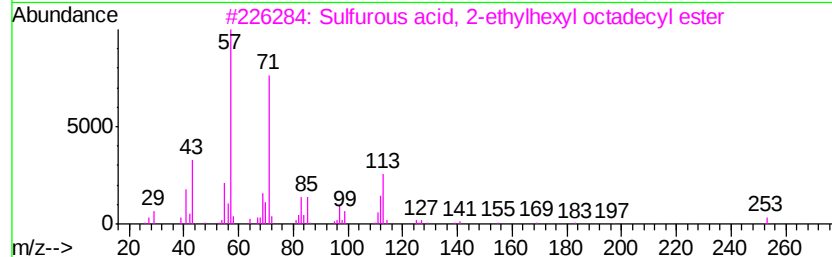
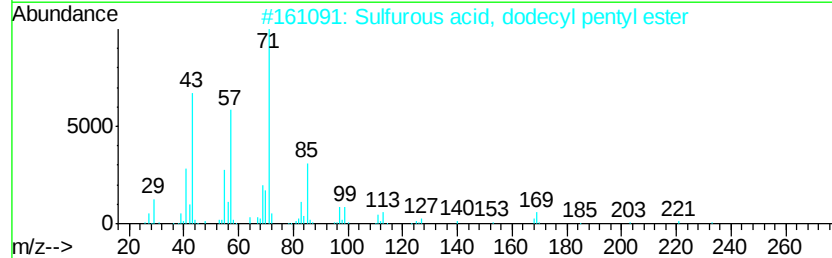
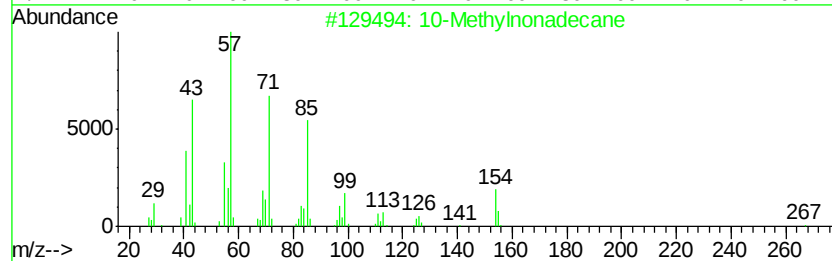
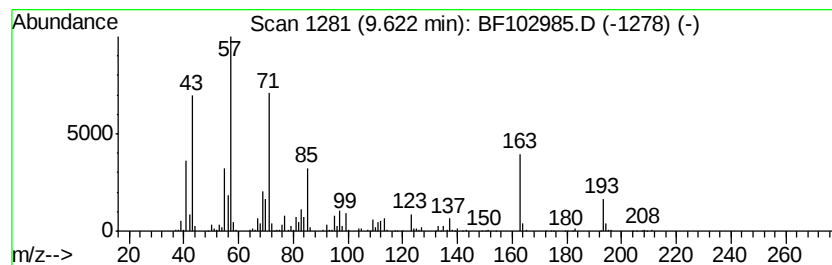
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown9.62 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	12.04 ng	744110	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	10-Methylnonadecane	282 C20H42	056862-62-5	46
2	Sulfurous acid, dodecyl pentyl e...	320 C17H36O3S	1000309-14-5	43
3	Sulfurous acid, 2-ethylhexyl oct...	446 C26H54O3S	1000309-20-1	43
4	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	43
5	Sulfurous acid, 2-ethylhexyl hep...	432 C25H52O3S	1000309-20-0	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
Operator : SJ/JU
Sample : J1537-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

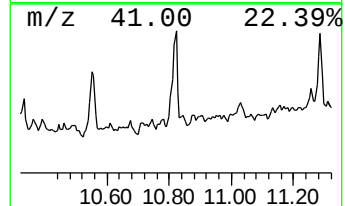
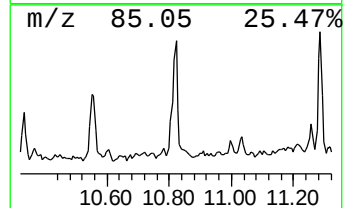
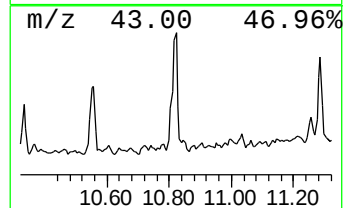
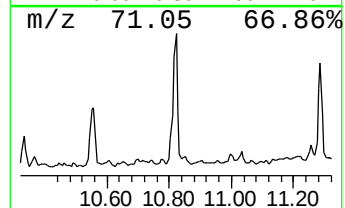
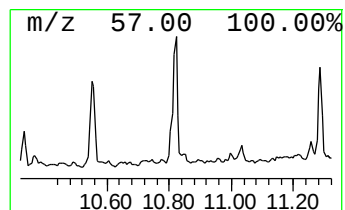
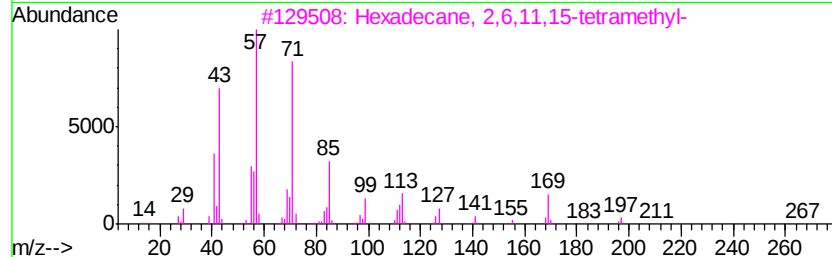
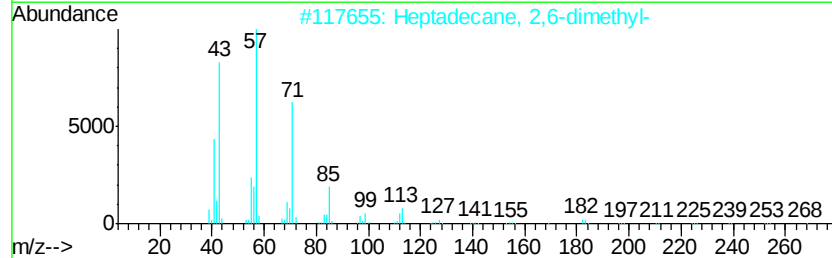
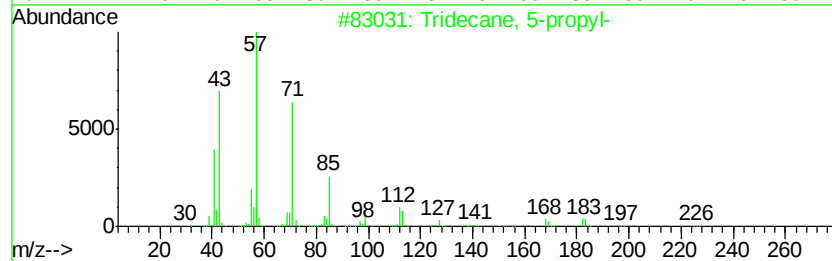
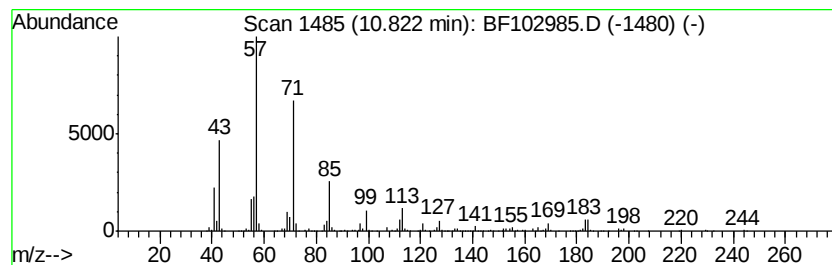
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.82	12.41 ng	623269	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	58
5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102985.D
Acq On : 14 Feb 2018 13:21
Operator : SJ/JU
Sample : J1537-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

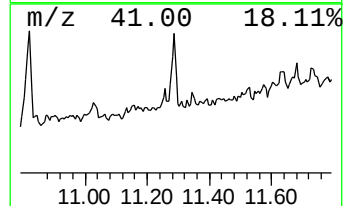
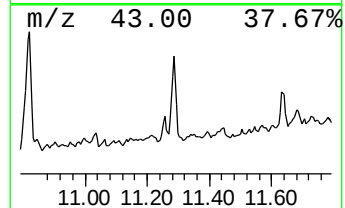
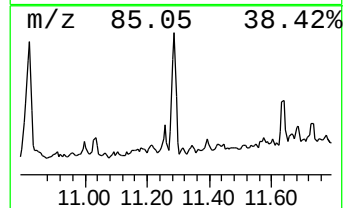
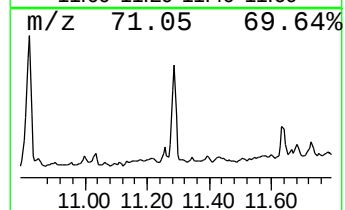
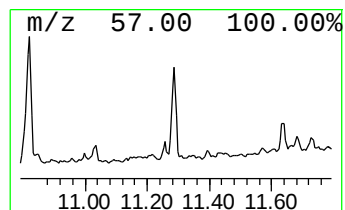
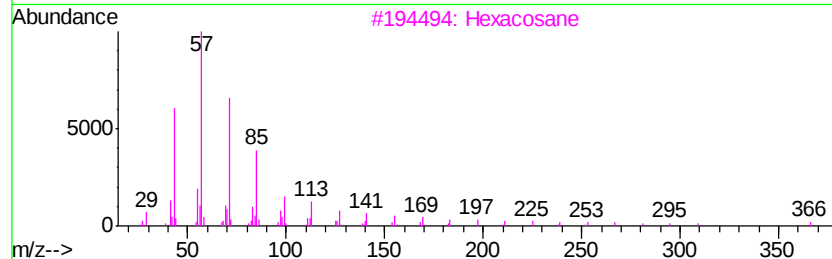
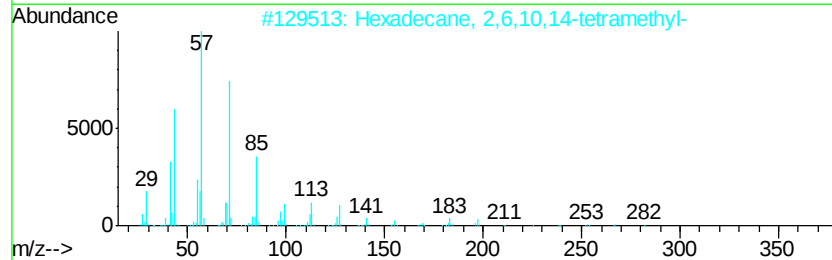
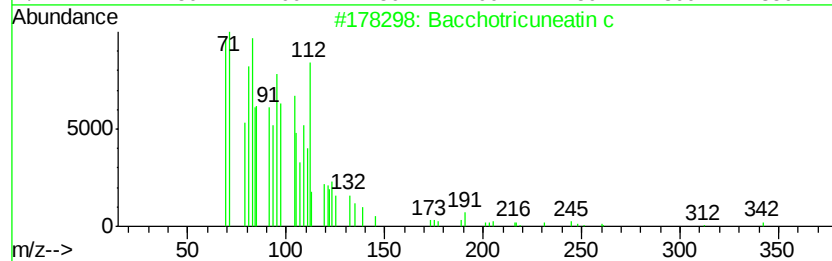
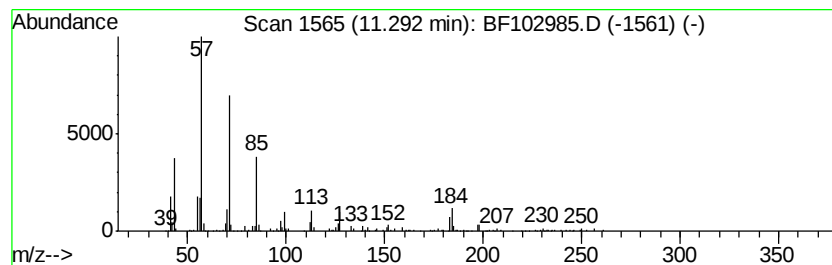
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Bacchotricuneatin c Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	8.23 ng	413345	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	92
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Tridecane	184	C13H28	000629-50-5	87
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
 Data File : BF102985.D
 Acq On : 14 Feb 2018 13:21
 Operator : SJ/JU
 Sample : J1537-04 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Cyclopentane, 1-e...	5.65	6.5	ng	610395	1	6.87	1872580	20.0
7-Methylbicyclo[4...	6.03	8.6	ng	807298	1	6.87	1872580	20.0
Octane, 3,6-dimet...	6.12	21.1	ng	1976600	1	6.87	1872580	20.0
Hexane, 2,4-dimet...	6.31	10.1	ng	942965	1	6.87	1872580	20.0
Octane, 2,5-dimet...	6.37	7.7	ng	722833	1	6.87	1872580	20.0
4-Heptafluorobuty...	6.40	19.1	ng	1791920	1	6.87	1872580	20.0
unknown6.64	6.64	24.8	ng	2319920	1	6.87	1872580	20.0
unknown7.15	7.15	11.3	ng	1057000	1	6.87	1872580	20.0
Nonane	7.21	9.8	ng	918464	1	6.87	1872580	20.0
Nonane, 3,7-dimet...	7.26	6.9	ng	644456	1	6.87	1872580	20.0
unknown7.52	7.52	8.9	ng	1224420	2	8.16	2748370	20.0
unknown7.57	7.57	8.3	ng	1139100	2	8.16	2748370	20.0
Undecane, 3,8-dim...	7.65	6.5	ng	897624	2	8.16	2748370	20.0
1H-Indene, 2,3-di...	7.83	6.5	ng	898523	2	8.16	2748370	20.0
Benzene, 1,2,4,5-...	7.90	8.8	ng	1215780	2	8.16	2748370	20.0
Dodecane, 2,6,11-...	9.17	8.9	ng	550302	3	9.92	1236270	20.0
unknown9.62	9.62	12.0	ng	744110	3	9.92	1236270	20.0
Tridecane, 5-propyl-	10.82	12.4	ng	623269	4	11.40	1004360	20.0
Bacchotricuneatin c	11.29	8.2	ng	413345	4	11.40	1004360	20.0