

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
 Data File : BF111417.D
 Acq On : 14 Dec 2018 14:32
 Operator : JU/SJ
 Sample : J6319-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 056_BT-1-2

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-BF121418.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	3.816	287	294	296	rBV	730158	1369229	13.33%	0.452%
2	3.957	310	318	324	rBV2	1313614	2422052	23.57%	0.800%
3	4.069	331	337	339	rBV	758886	1207683	11.75%	0.399%
4	4.104	339	343	347	rVV	2103183	3000432	29.20%	0.991%
5	4.151	347	351	360	rVB	907408	1316219	12.81%	0.435%
6	4.251	360	368	372	rBV2	821664	1490160	14.50%	0.492%
7	4.304	372	377	381	rVV2	750603	1477945	14.38%	0.488%
8	4.440	395	400	406	rVB2	1906146	2706726	26.34%	0.894%
9	4.545	411	418	423	rBV	1728210	2379932	23.16%	0.786%
10	4.863	467	472	476	rVB	2779494	3240250	31.54%	1.070%
11	4.910	476	480	482	rBV2	897774	1378167	13.41%	0.455%
12	4.945	482	486	492	rVB2	2765216	4226919	41.14%	1.395%
13	5.010	492	497	501	rBV	3389935	3792188	36.91%	1.252%
14	5.216	526	532	535	rBV	4036200	4581233	44.59%	1.512%
15	5.245	535	537	541	rVB3	807452	1175184	11.44%	0.388%
16	5.304	541	547	549	rBV	2796522	3013079	29.33%	0.995%
17	5.328	549	551	554	rVB	2269731	1685772	16.41%	0.557%
18	5.404	561	564	566	rBV	4067897	4884718	47.54%	1.613%
19	5.492	576	579	582	rBV	1252120	1135669	11.05%	0.375%
20	5.575	589	593	598	rBV3	2971413	4602330	44.79%	1.519%
21	5.622	598	601	603	rVB	3373809	2919792	28.42%	0.964%
22	5.663	603	608	615	rBV2	2291929	3659890	35.62%	1.208%
23	5.728	615	619	624	rVB3	994038	1190805	11.59%	0.393%
24	5.828	630	636	640	rVB3	3112841	4456756	43.38%	1.471%
25	5.881	640	645	647	rBV4	1685370	2693168	26.21%	0.889%
26	5.963	653	659	663	rVB3	5011195	5877606	57.20%	1.940%
27	6.010	663	667	669	rBV	1604432	1958046	19.06%	0.646%
28	6.057	672	675	678	rBV	7482592	7951036	77.38%	2.625%
29	6.116	682	685	688	rBV2	2754660	2713191	26.41%	0.896%
30	6.245	701	707	712	rBV2	3606685	5951603	57.92%	1.965%
31	6.287	712	714	716	rBV2	1456953	1219787	11.87%	0.403%
32	6.310	716	718	720	rVB	4253198	3048516	29.67%	1.006%
33	6.339	720	723	726	rBV	5367852	5572165	54.23%	1.840%
34	6.398	730	733	736	rBV	3670104	3157072	30.73%	1.042%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.439	736	740	742	rBV	3298131	3710526	36.11%	1.225%
36	6.481	745	747	749	rVB3	1325360	1049175	10.21%	0.346%
37	6.569	754	762	766	rBV3	5115573	9259365	90.12%	3.057%
38	6.634	770	773	776	rBV	1106088	1330801	12.95%	0.439%
39	6.716	784	787	789	rVB	1585845	1174878	11.43%	0.388%
40	6.792	798	800	803	rBV	1990764	1559877	15.18%	0.515%
41	6.822	803	805	809	rVB	4307484	3929007	38.24%	1.297%
42	6.869	809	813	815	rVB	1665207	1816066	17.68%	0.600%
43	6.904	815	819	820	rBV3	1122002	1354825	13.19%	0.447%
44	6.951	824	827	831	rBV2	5435568	6087121	59.24%	2.010%
45	6.981	831	832	836	rVB2	1899517	1824165	17.75%	0.602%
46	7.051	839	844	846	rBV2	3064002	3405082	33.14%	1.124%
47	7.086	846	850	852	rVB3	2720984	3155849	30.71%	1.042%
48	7.116	852	855	858	rBV2	3377786	3589352	34.93%	1.185%
49	7.145	858	860	865	rVB2	3367491	3263050	31.76%	1.077%
50	7.198	865	869	872	rBV	4252274	4092232	39.83%	1.351%
51	7.339	888	893	897	rBV3	6813195	10274673	100.00%	3.392%
52	7.369	897	898	903	rVV3	3605638	3677757	35.79%	1.214%
53	7.445	907	911	915	rVB4	2435737	3298411	32.10%	1.089%
54	7.516	915	923	926	rBV4	1732445	4006165	38.99%	1.323%
55	7.575	927	933	937	rVV2	4241023	6085692	59.23%	2.009%
56	7.610	937	939	942	rVV	1641381	1402353	13.65%	0.463%
57	7.692	949	953	954	rVV2	2293170	2441300	23.76%	0.806%
58	7.710	954	956	957	rVV2	1482101	1301031	12.66%	0.430%
59	7.733	957	960	962	rVV3	2319803	2997790	29.18%	0.990%
60	7.757	962	964	965	rVV	2370622	2142142	20.85%	0.707%
61	7.769	965	966	970	rVV2	2935416	2492433	24.26%	0.823%
62	7.822	970	975	977	rVV3	2858070	4132962	40.22%	1.364%
63	7.839	977	978	983	rVV2	2756019	3148130	30.64%	1.039%
64	7.886	983	986	987	rVV	1613673	1361390	13.25%	0.449%
65	7.904	987	989	994	rVB2	2101441	2081369	20.26%	0.687%
66	7.951	994	997	1002	rBV	2569547	2559090	24.91%	0.845%
67	8.045	1005	1013	1014	rBV4	1956604	2902800	28.25%	0.958%
68	8.075	1014	1018	1020	rVV2	5860570	7091983	69.02%	2.341%
69	8.104	1020	1023	1025	rVV	3611265	3992485	38.86%	1.318%
70	8.133	1025	1028	1029	rVV	3549514	3380208	32.90%	1.116%
71	8.151	1029	1031	1033	rVV	2887588	2359106	22.96%	0.779%

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72	8.175	1033	1035	1038	rVV2	2188670	1831587	17.83%	0.605%
73	8.257	1043	1049	1051	rBV4	1066101	1818970	17.70%	0.601%
74	8.339	1057	1063	1064	rBV4	939028	1129241	10.99%	0.373%
75	8.357	1064	1066	1068	rVV	1685985	1622751	15.79%	0.536%
76	8.380	1068	1070	1072	rVV2	1638092	1643701	16.00%	0.543%
77	8.469	1081	1085	1087	rBV	3022506	2895625	28.18%	0.956%
78	8.510	1089	1092	1096	rVV	1565148	1522417	14.82%	0.503%
79	8.545	1096	1098	1101	rVB	1329595	1198120	11.66%	0.396%
80	8.592	1102	1106	1111	rBV4	1143754	1442360	14.04%	0.476%
81	8.669	1117	1119	1123	rBV2	930725	1331198	12.96%	0.439%
82	8.775	1134	1137	1143	rVB2	887566	1036787	10.09%	0.342%
83	8.886	1152	1156	1159	rVV2	1101132	1435698	13.97%	0.474%
84	9.151	1197	1201	1204	rBV	4514488	3704760	36.06%	1.223%
85	9.827	1310	1316	1319	rBV	1993766	1700981	16.56%	0.562%
86	10.610	1445	1449	1453	rBV	1808830	1769865	17.23%	0.584%
87	11.069	1509	1527	1530	rBV3	575979	2529607	24.62%	0.835%
88	11.310	1564	1568	1571	rBV	1902318	1667905	16.23%	0.551%
89	11.851	1654	1660	1668	rVB	1442745	1818138	17.70%	0.600%
90	12.627	1788	1792	1795	rVV	995004	1199755	11.68%	0.396%
91	12.704	1795	1805	1811	rVV	2682334	7054705	68.66%	2.329%
92	12.898	1834	1838	1841	rVB	3780201	3324312	32.35%	1.097%
93	13.539	1938	1947	1959	rVB	3880315	7750528	75.43%	2.559%
94	13.945	2011	2016	2019	rBV	1438470	1503989	14.64%	0.497%
95	14.168	2047	2054	2062	rVB	4609394	7351875	71.55%	2.427%
96	14.692	2135	2143	2147	rBV	4111970	6356520	61.87%	2.099%
97	15.233	2227	2235	2245	rBV	2338153	4426563	43.08%	1.461%
98	15.380	2256	2260	2264	rVV	852498	1085262	10.56%	0.358%
99	15.851	2332	2340	2347	rBV	1183047	2440910	23.76%	0.806%
100	16.556	2453	2460	2471	rVB2	433164	1124324	10.94%	0.371%

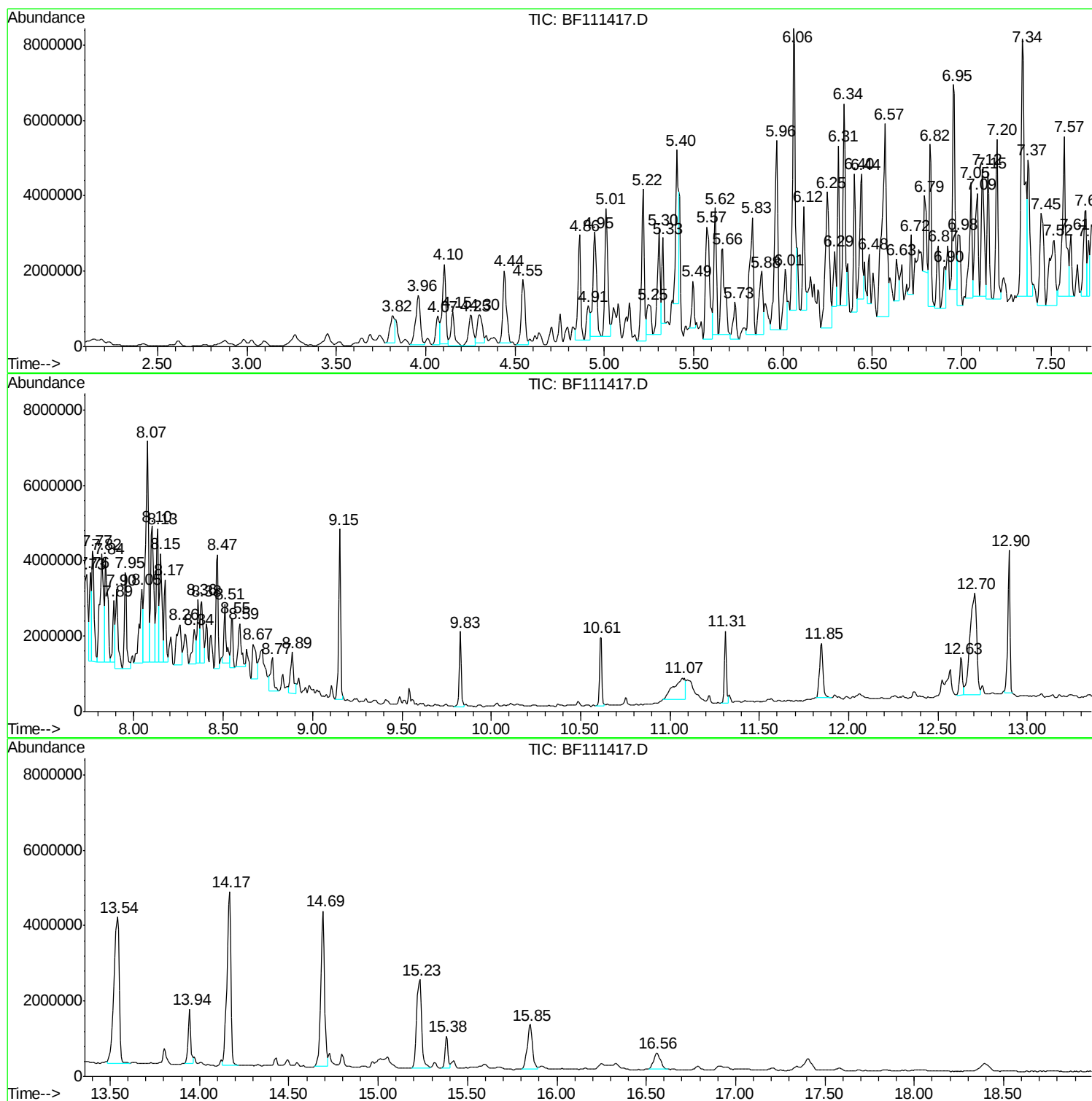
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Instrument :
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ClientSampleId :
056_BT-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.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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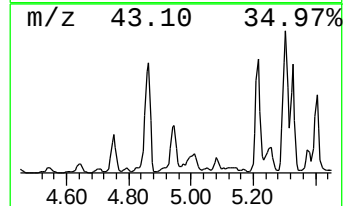
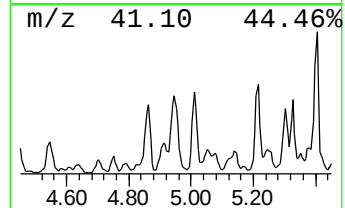
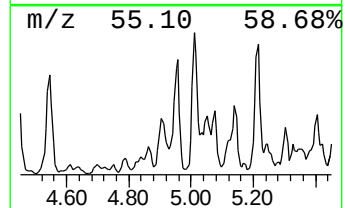
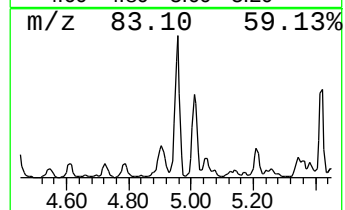
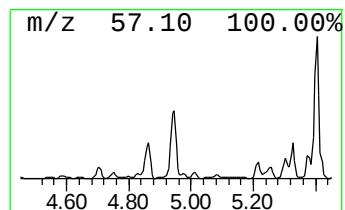
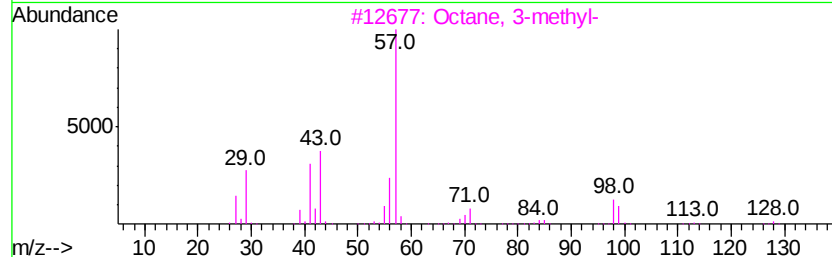
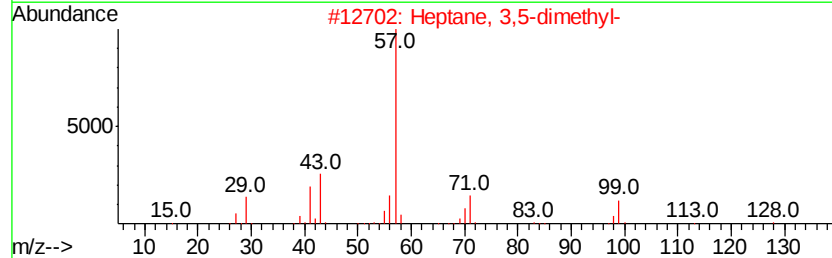
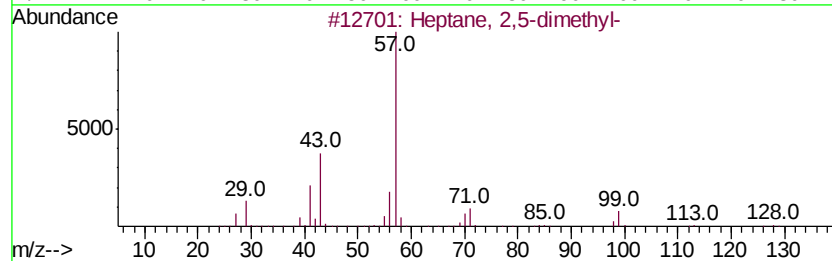
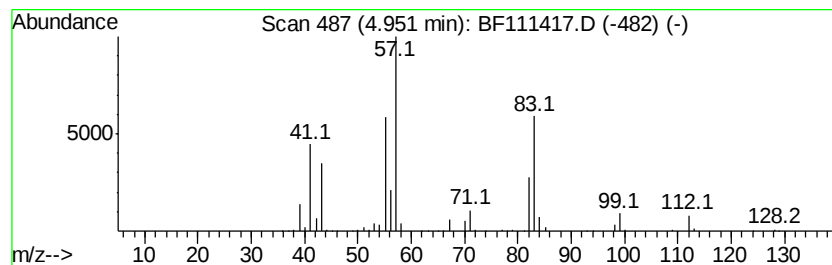
Instrument :
BNA_F
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056_BT-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.95	54.20 ng	4226920	1,4-Dichlorobenzene-d4	6.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	58
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53
3	Octane, 3-methyl-	128	C9H20	002216-33-3	50
4	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	40
5	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	39



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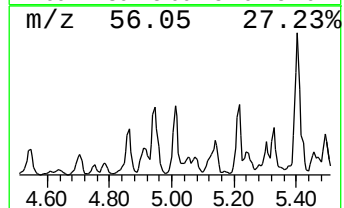
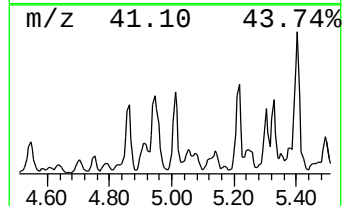
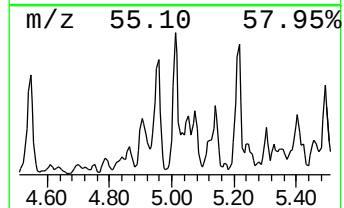
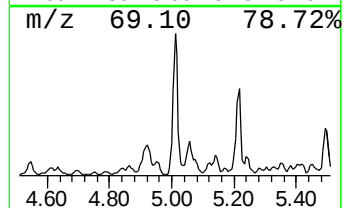
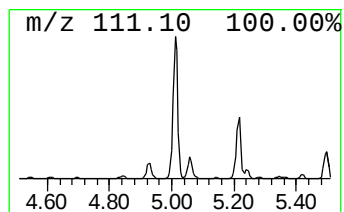
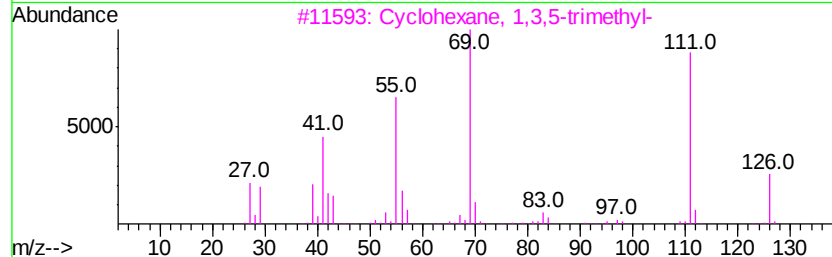
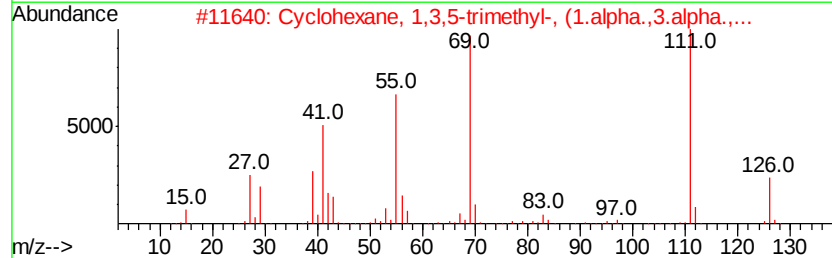
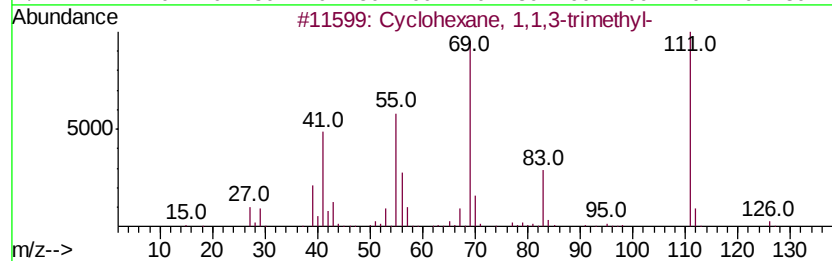
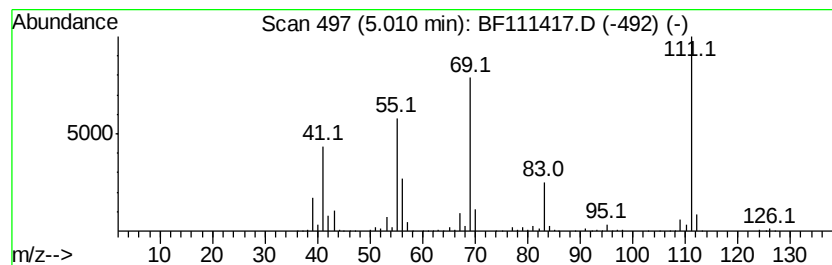
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	48.62 ng	3792190	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	72
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
4		Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	64
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	50



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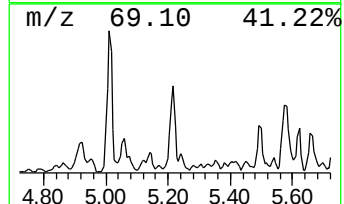
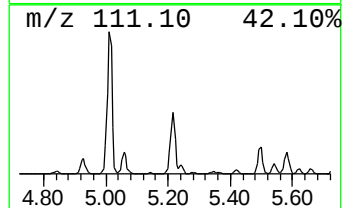
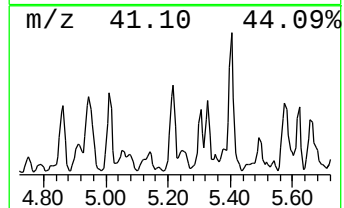
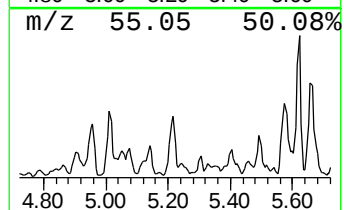
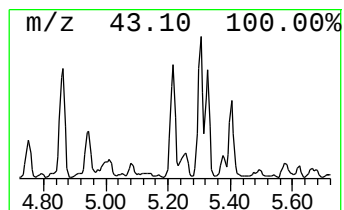
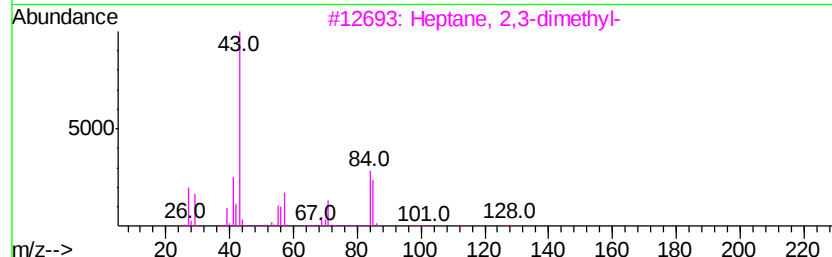
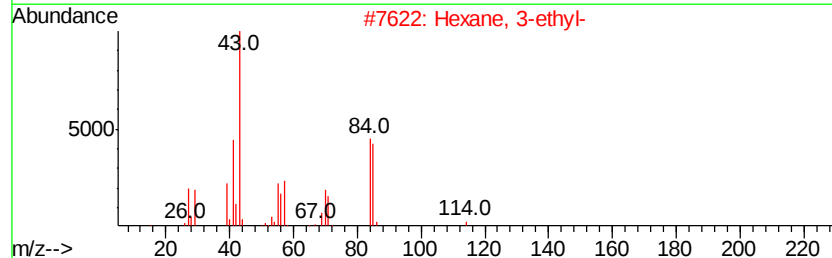
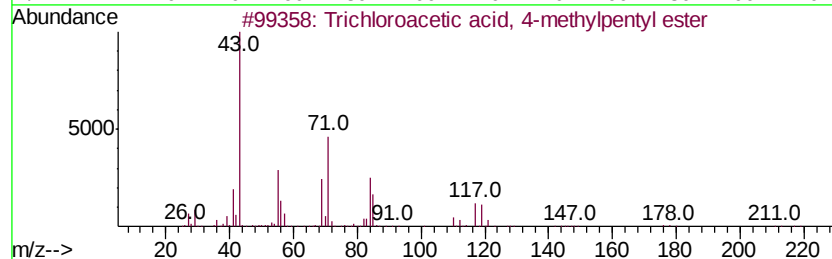
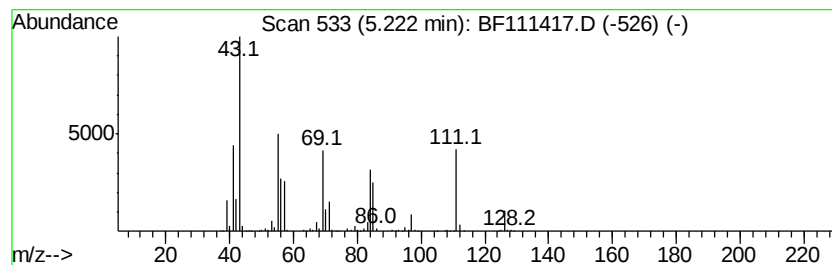
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown5.22 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	58.74 ng	4581230	1,4-Dichlorobenzene-d4	6.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, 4-methylpe...	246	C8H13Cl3O2	1000282-35-2	43
2		Hexane, 3-ethyl-	114	C8H18	000619-99-8	35
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	35
4		Acetic acid, 2-ethylbutyl ester	144	C8H16O2	010031-87-5	32
5		2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	27



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Data File : BF111417.D
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Sample : J6319-02
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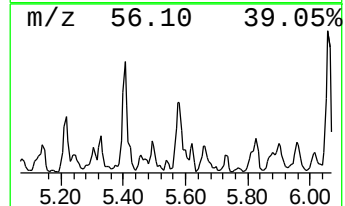
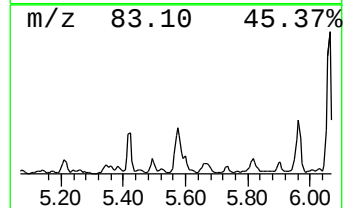
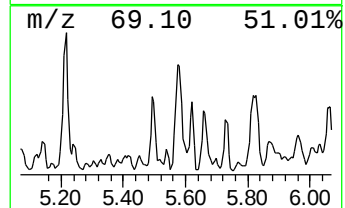
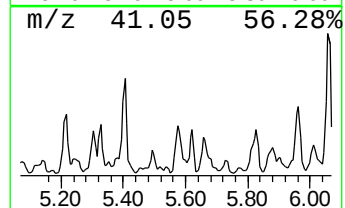
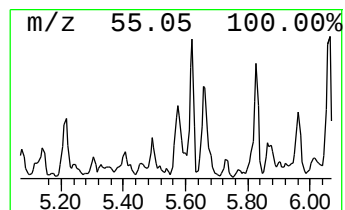
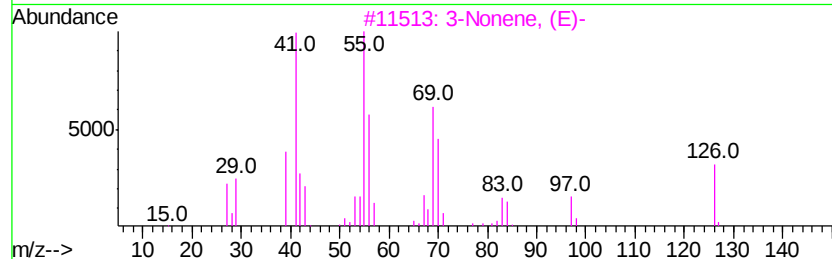
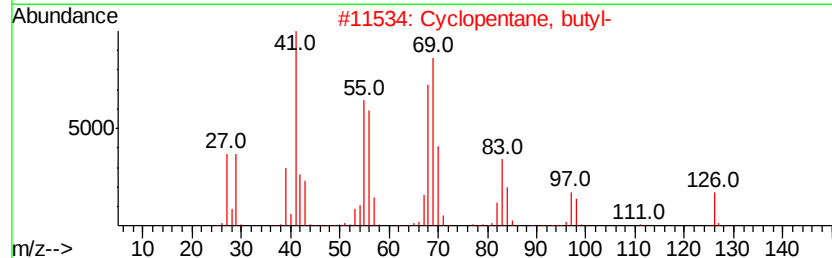
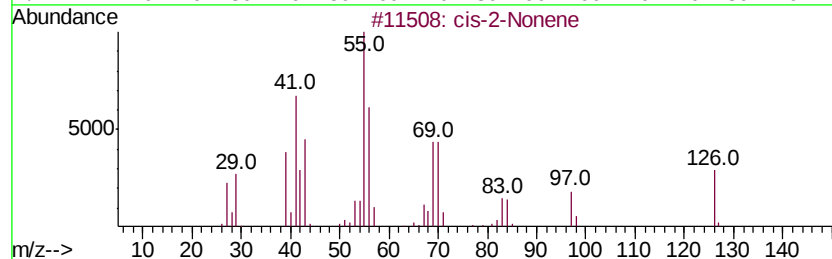
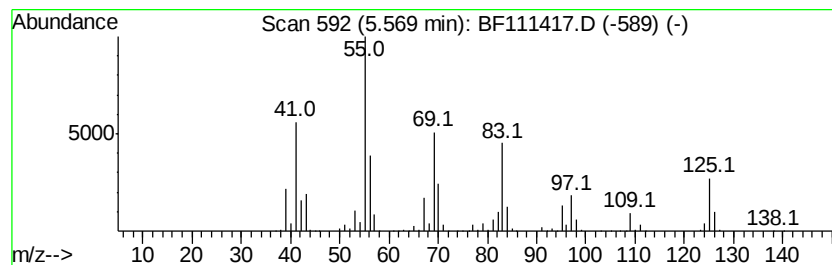
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 cis-2-Nonene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	59.01 ng	4602330	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-2-Nonene	126	C9H18	006434-77-1	60
2		Cyclopentane, butyl-	126	C9H18	002040-95-1	50
3		3-Nonene, (E)-	126	C9H18	020063-92-7	46
4		Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	46
5		trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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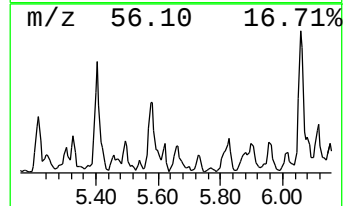
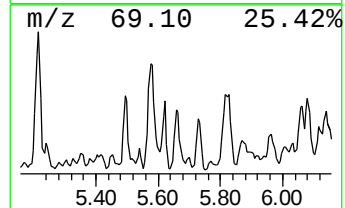
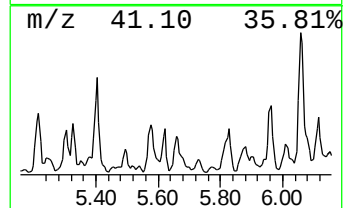
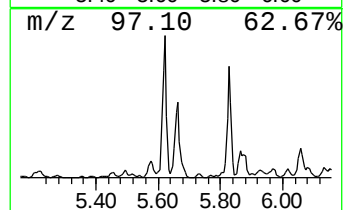
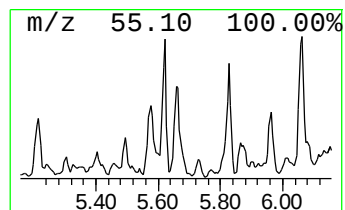
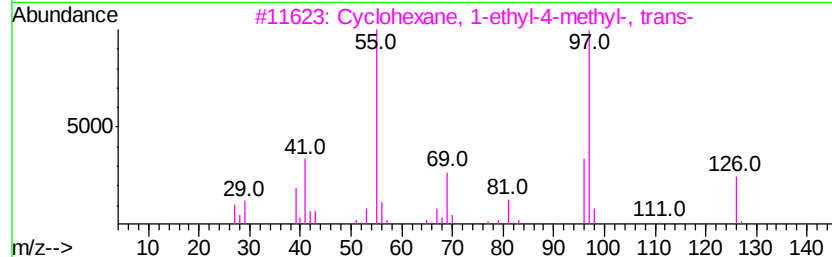
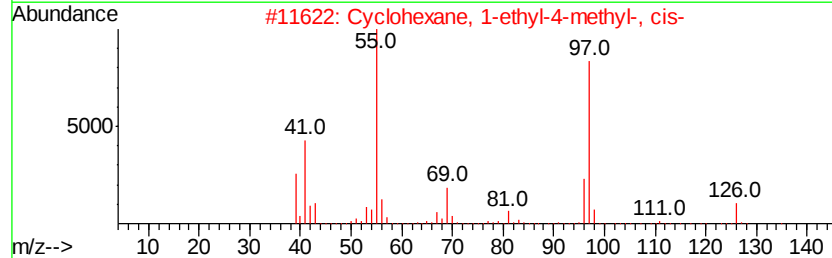
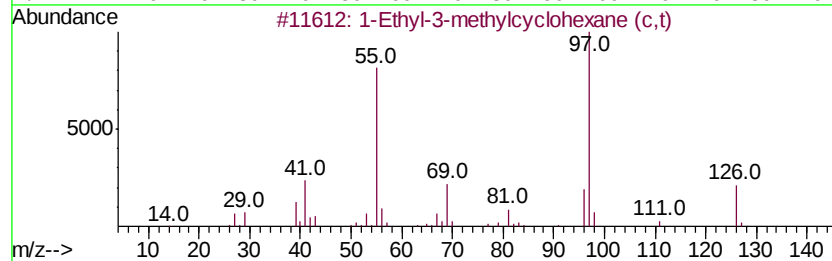
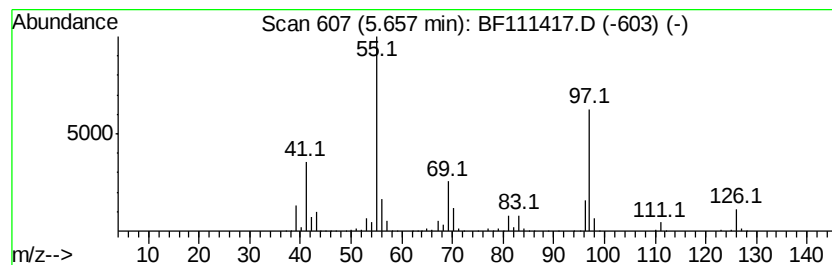
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Ethyl-3-methylcyclohexane... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	46.93 ng	3659890	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	86
4		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	86
5		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111417.D
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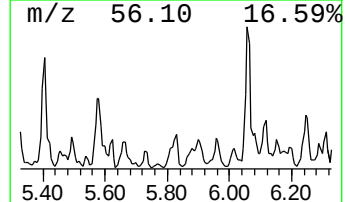
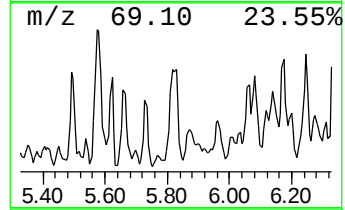
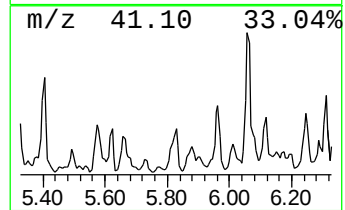
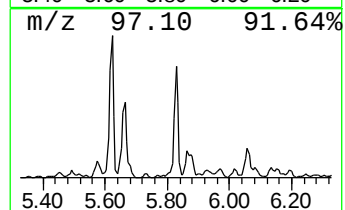
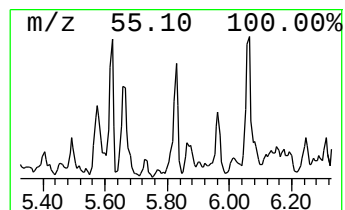
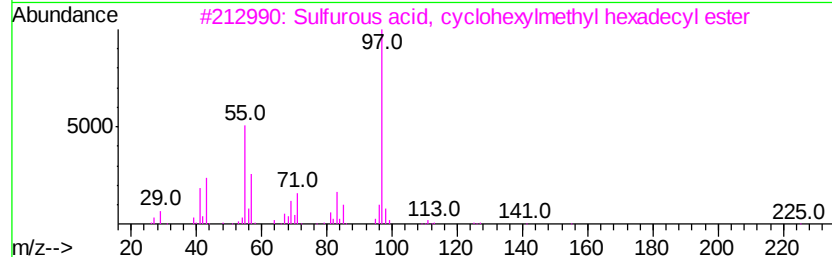
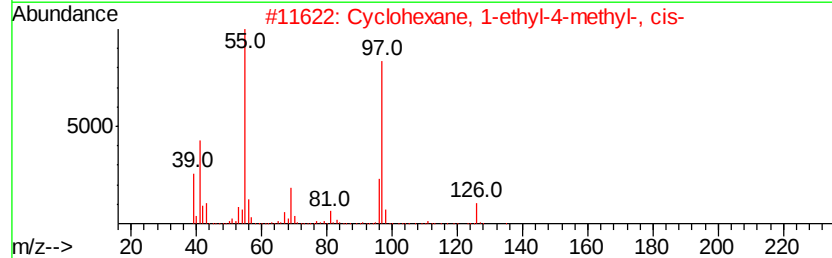
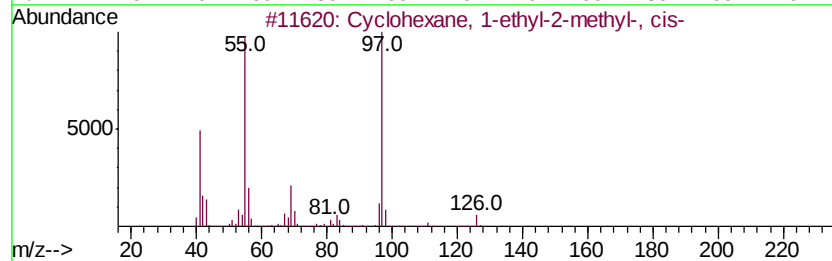
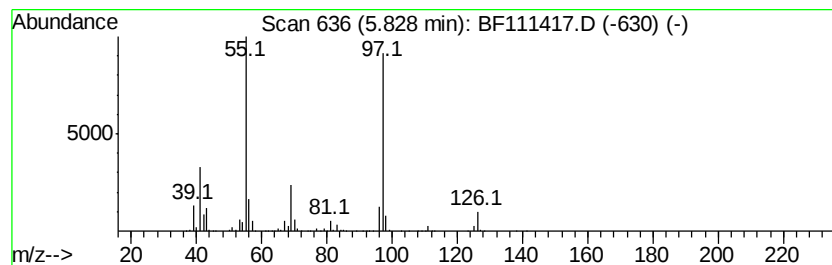
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	57.14 ng	4456760	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	90
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
3		Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	64
4		4-Octen-3-one	126	C8H14O	014129-48-7	64
5		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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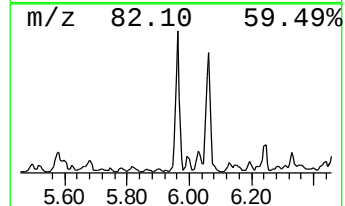
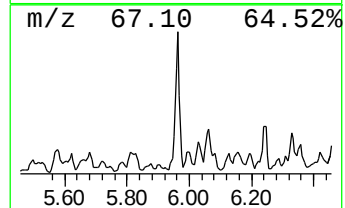
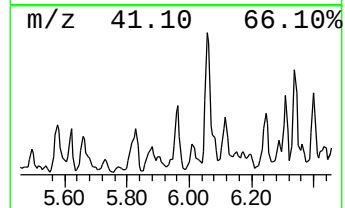
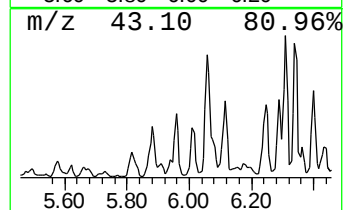
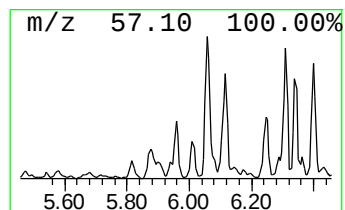
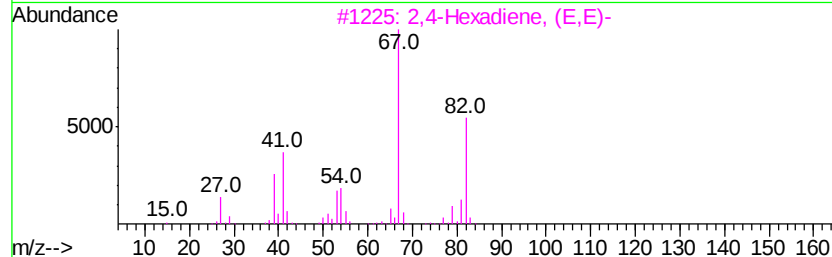
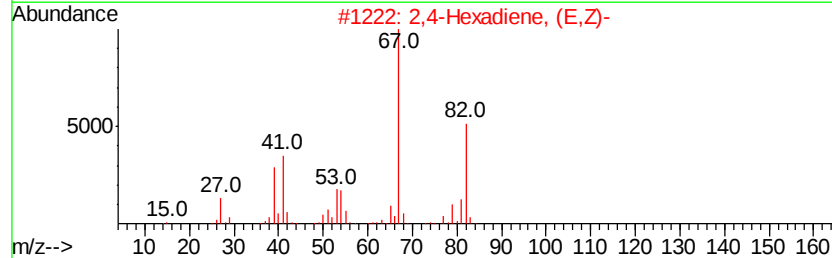
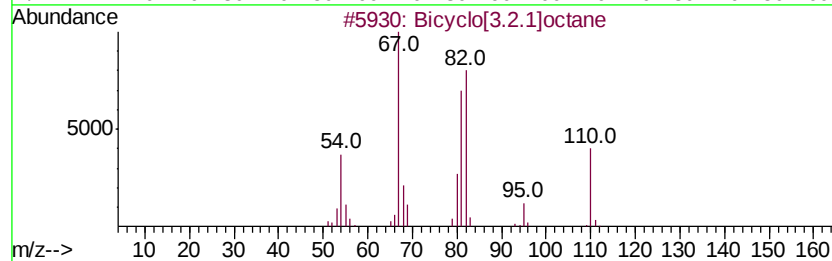
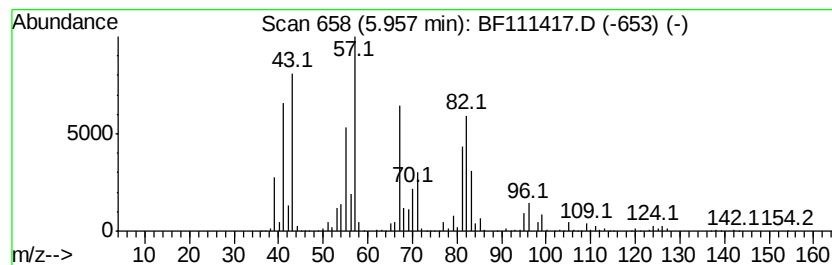
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown5.96 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	75.36 ng	5877610	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	46
2		2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	38
3		2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	38
4		4-Penten-1-ol, 3-methyl-	100	C6H12O	051174-44-8	25
5		1-Heptadecyne	236	C17H32	026186-00-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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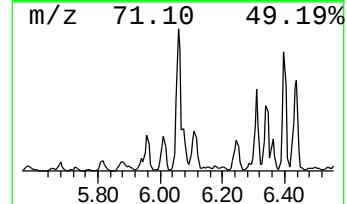
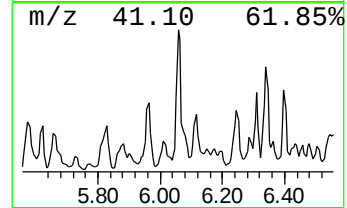
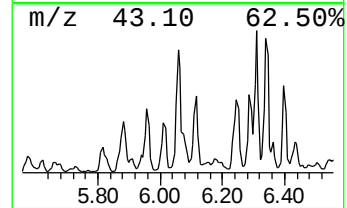
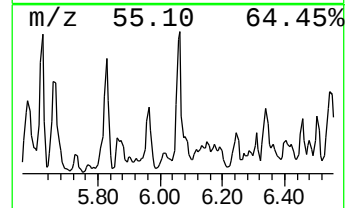
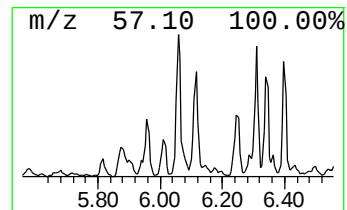
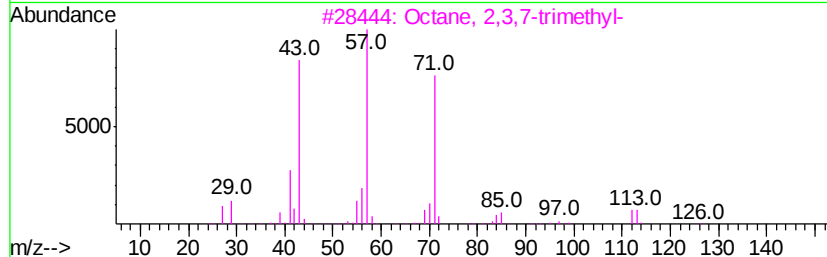
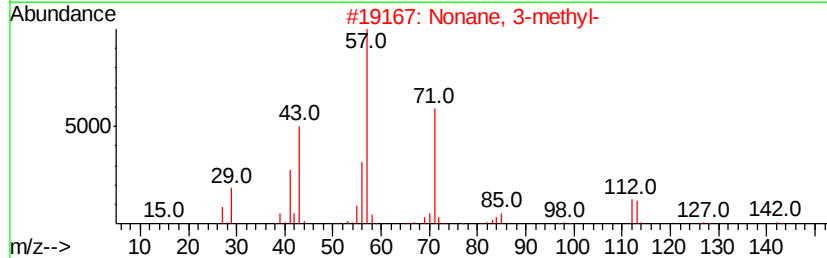
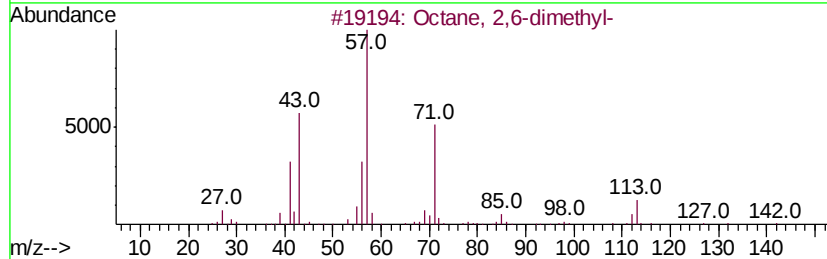
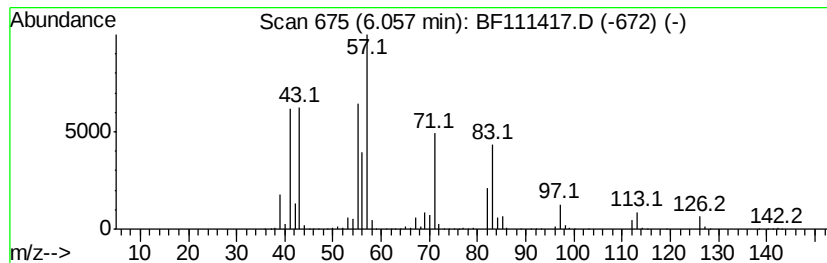
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown6.06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	101.94 ng	7951040	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	46
3		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	27
4		Tetracosane	338	C24H50	000646-31-1	27
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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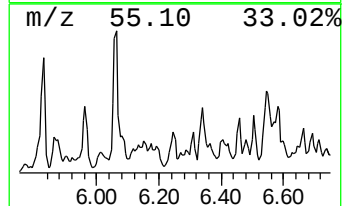
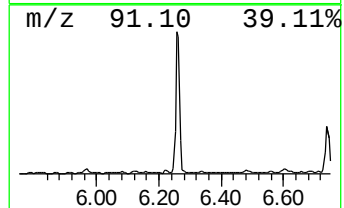
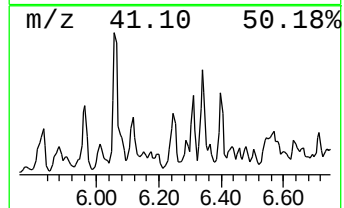
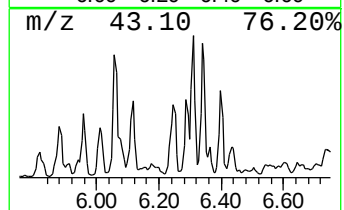
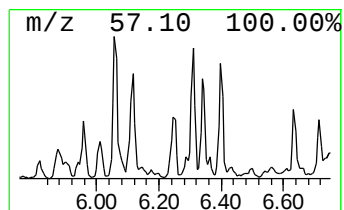
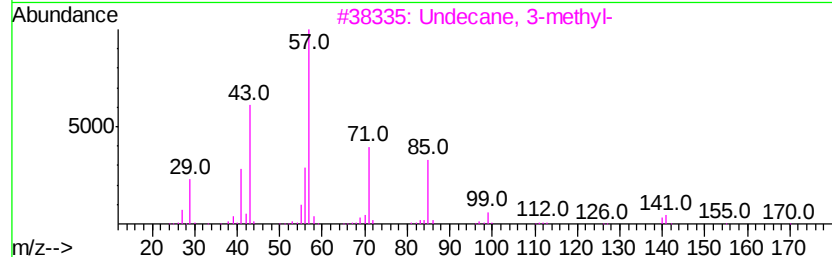
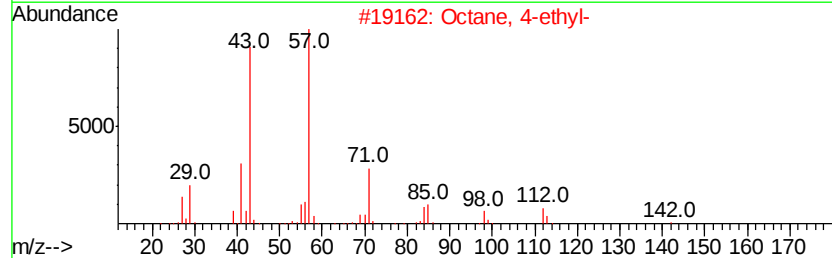
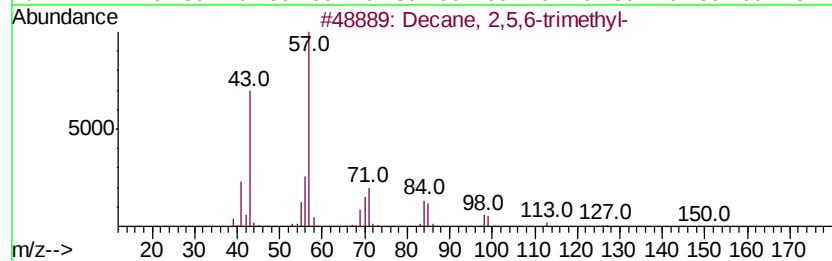
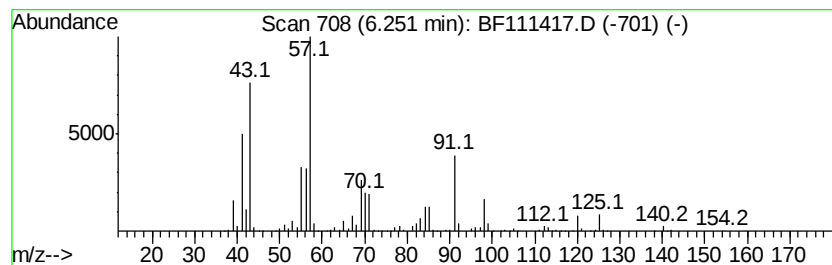
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 2,5,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	76.31 ng	5951600	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	43
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	38
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35
5		2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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ALS Vial : 3 Sample Multiplier: 1

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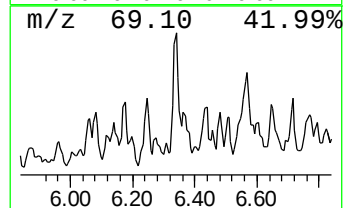
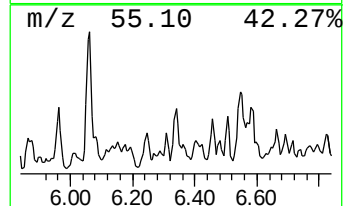
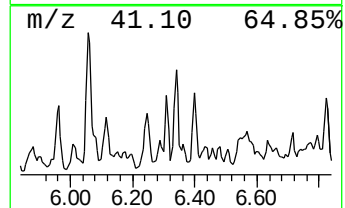
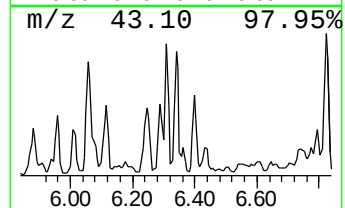
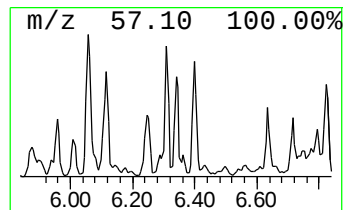
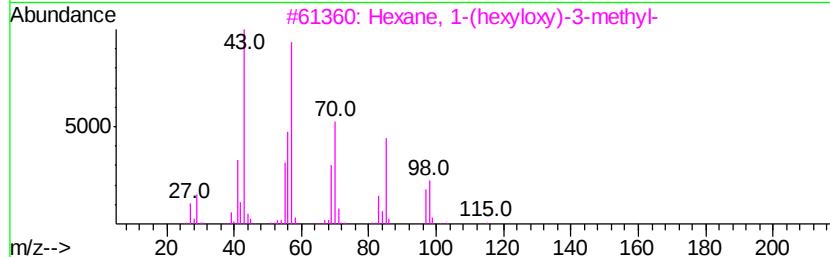
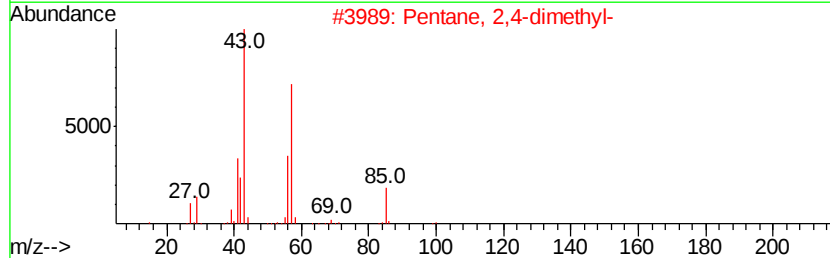
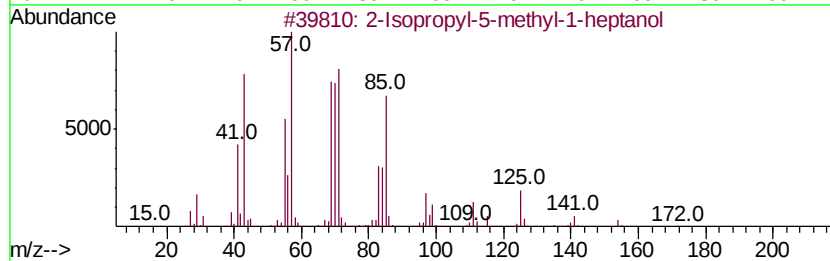
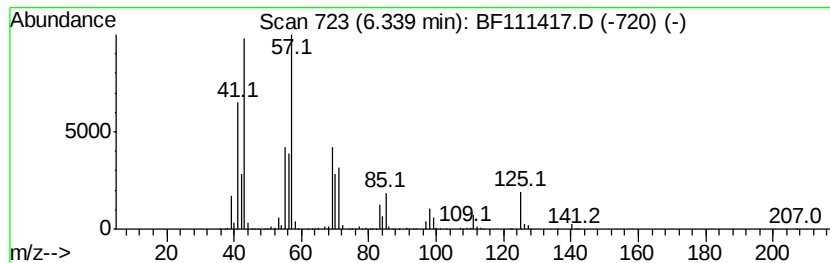
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown6.34 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	71.44 ng	5572170	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	47
2		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	43
3		Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	43
4		1-Octene	112	C8H16	000111-66-0	38
5		trans-3-Decene	140	C10H20	019150-21-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111417.D
Acq On : 14 Dec 2018 14:32
Operator : JU/SJ
Sample : J6319-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

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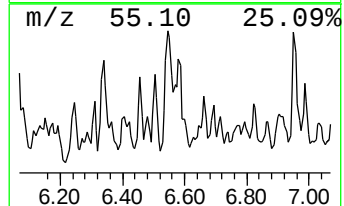
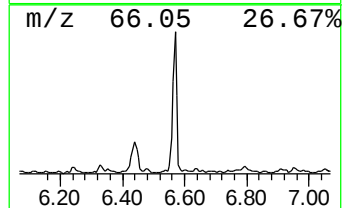
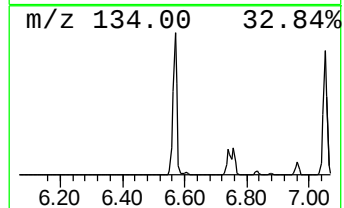
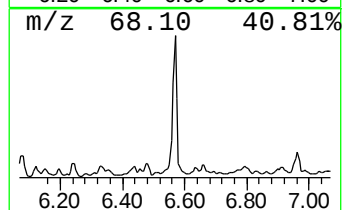
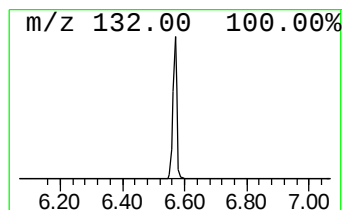
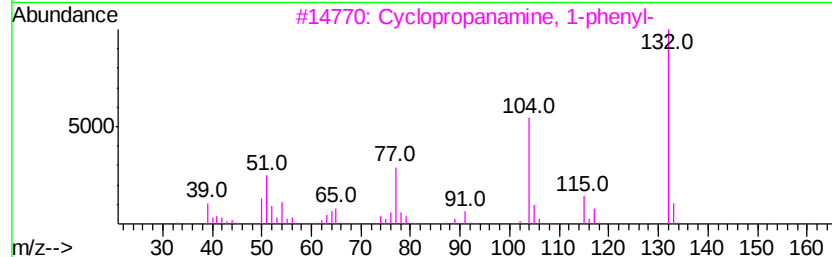
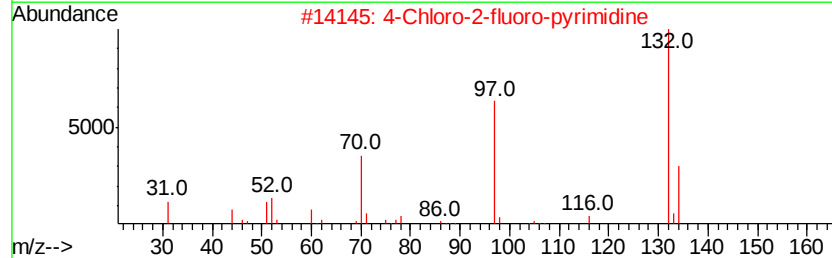
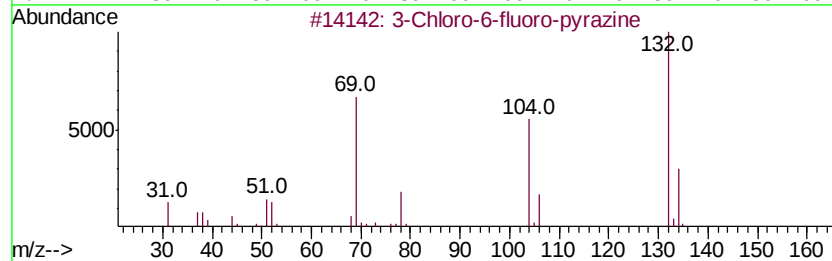
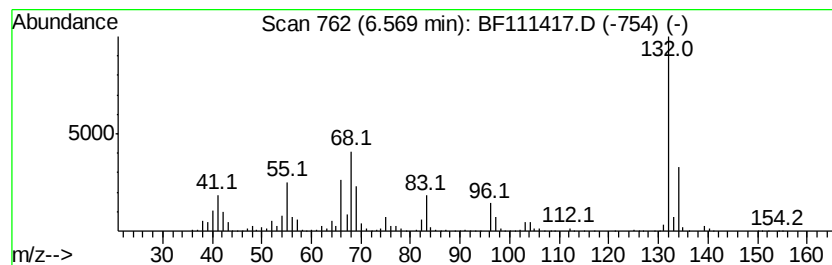
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	118.72 ng	9259370	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
4		Xenon	132	Xe	007440-63-3	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111417.D
Acq On : 14 Dec 2018 14:32
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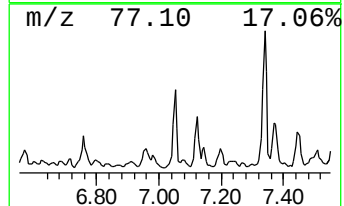
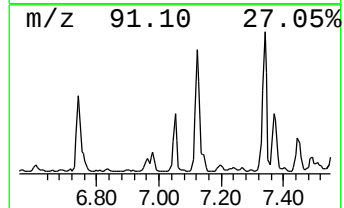
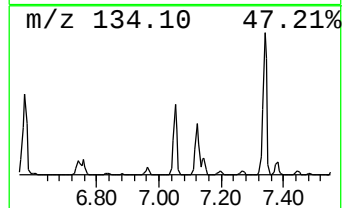
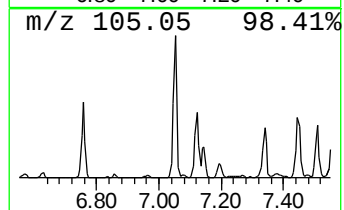
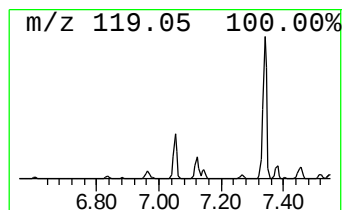
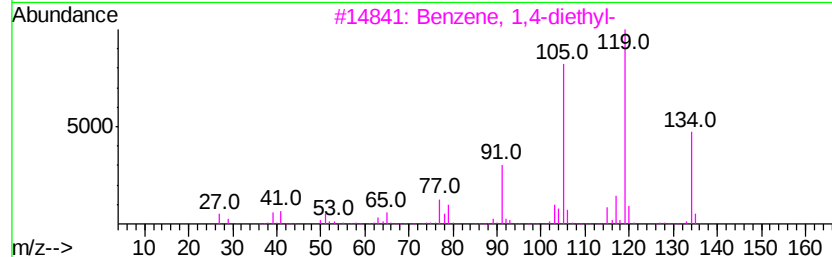
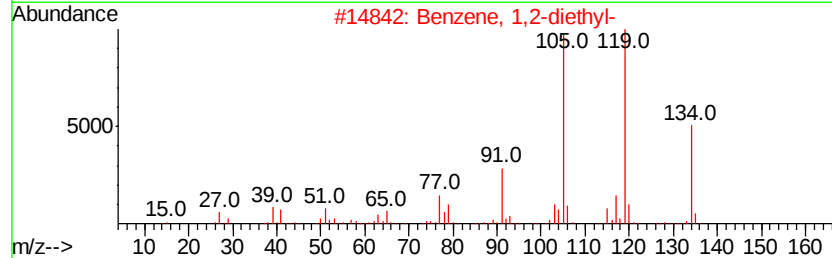
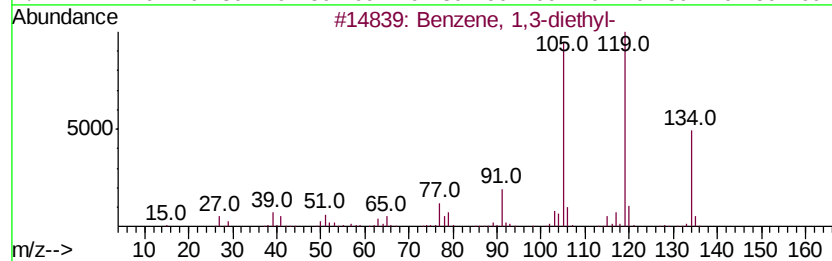
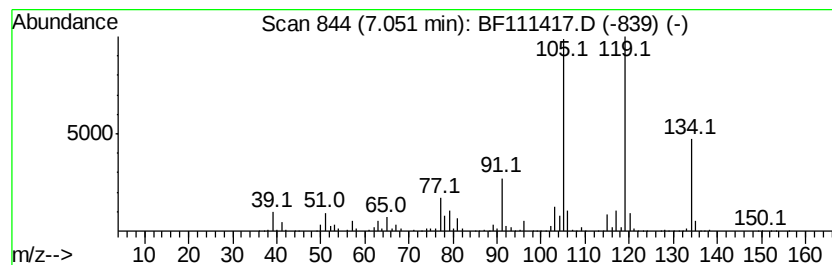
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	43.66 ng	3405080	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		p-Cymene	134	C10H14	000099-87-6	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111417.D
Acq On : 14 Dec 2018 14:32
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ClientSampleId :
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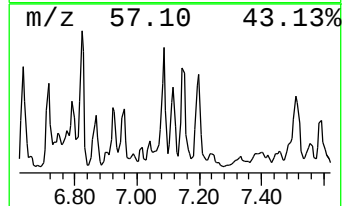
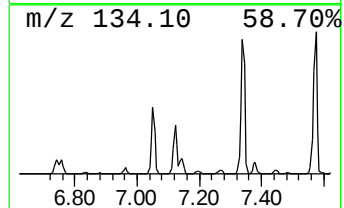
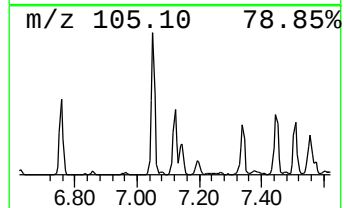
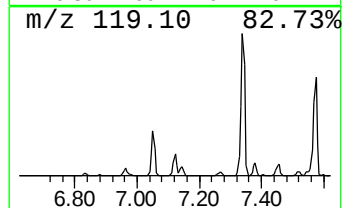
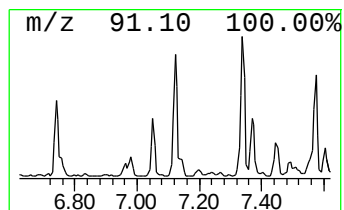
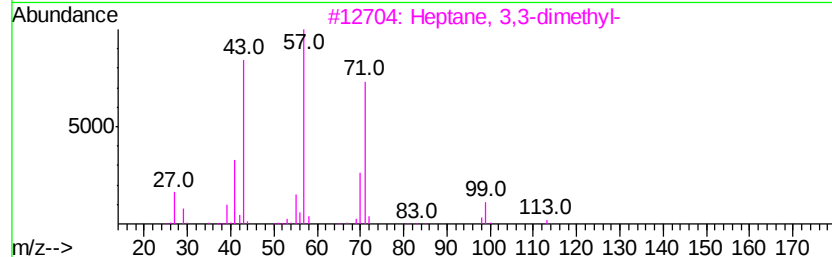
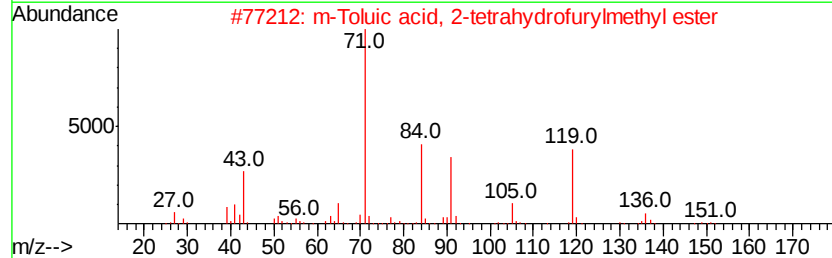
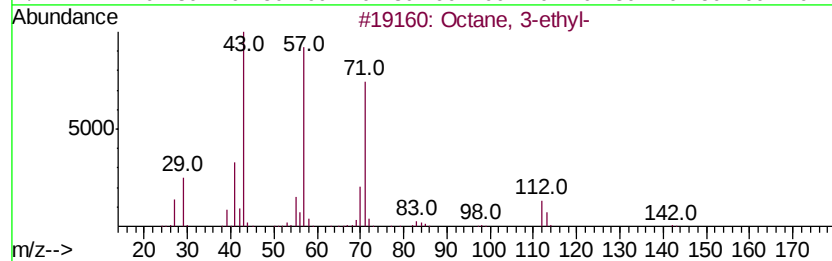
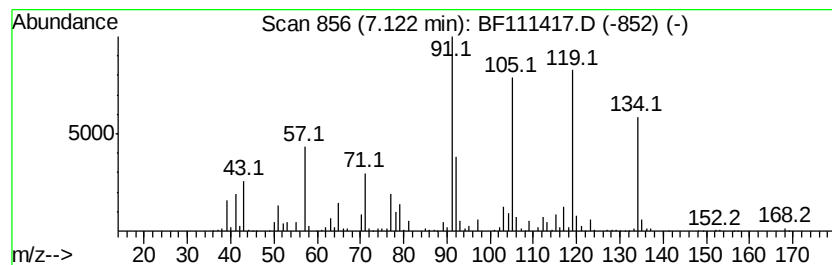
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown7.12 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	46.02 ng	3589350	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-ethyl-	142	C10H22	005881-17-4	49
2		m-Toluic acid, 2-tetrahydrofuryl...	220	C13H16O3	039252-19-2	47
3		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	43
4		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	38
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111417.D
Acq On : 14 Dec 2018 14:32
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Sample : J6319-02
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Instrument :
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ClientSampleId :
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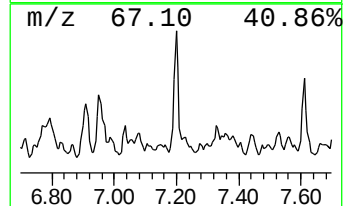
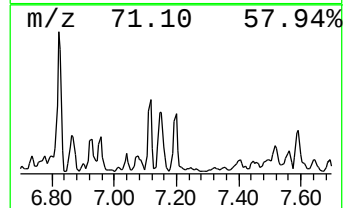
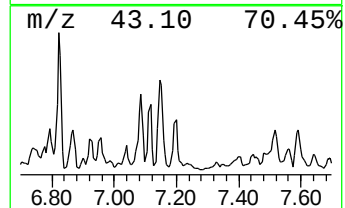
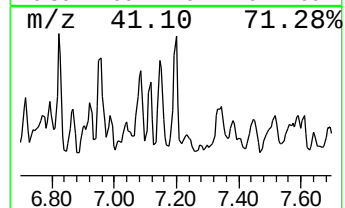
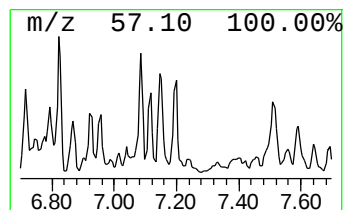
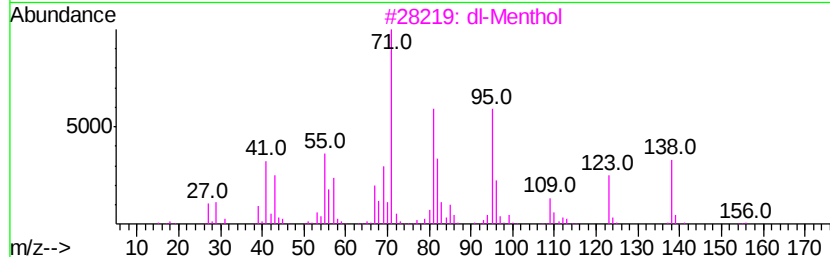
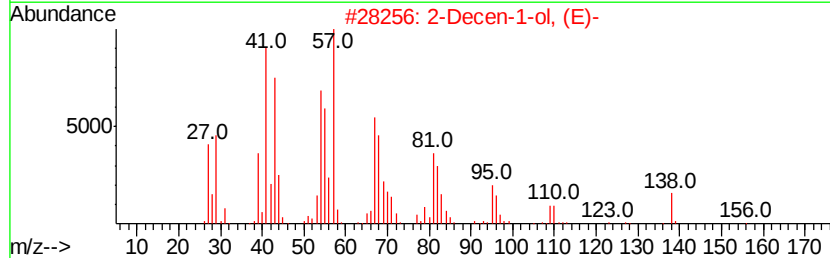
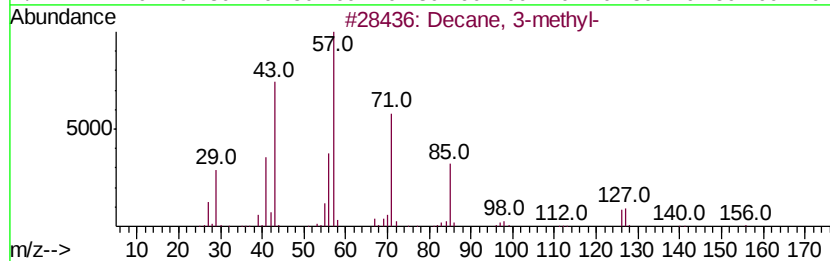
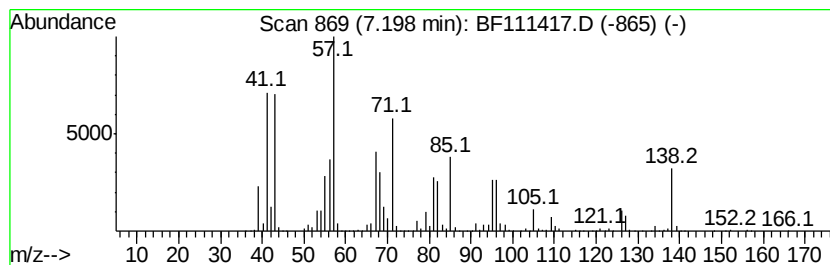
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown7.20 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	52.47 ng	4092230	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	42
2		2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	38
3		dl-Menthol	156	C10H20O	000089-78-1	35
4		Cyclooctyl alcohol	128	C8H16O	000696-71-9	27
5		2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111417.D
Acq On : 14 Dec 2018 14:32
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Sample : J6319-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
056_BT-1-2

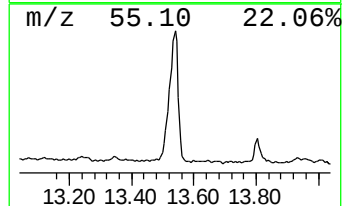
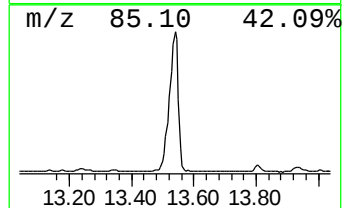
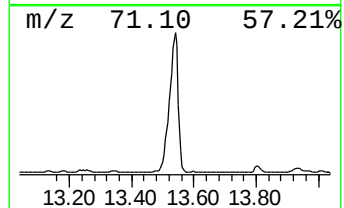
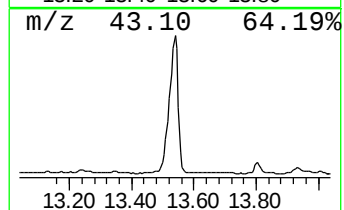
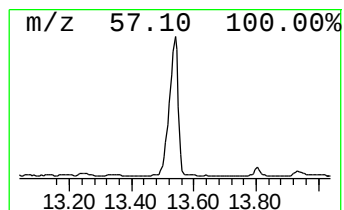
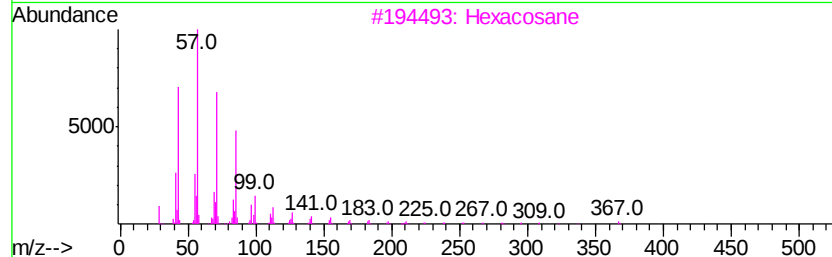
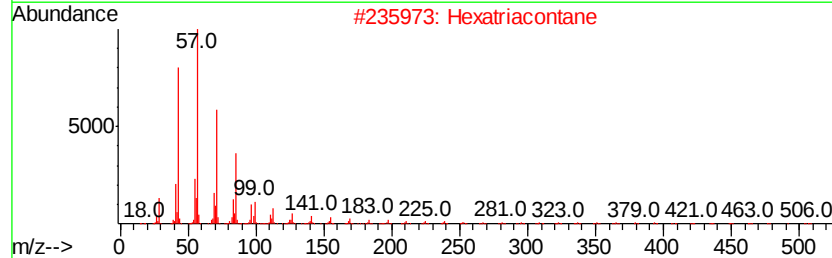
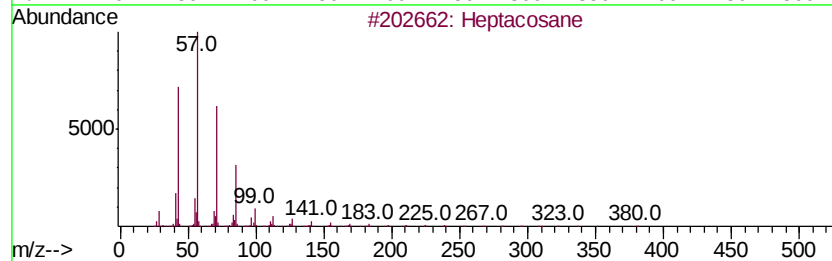
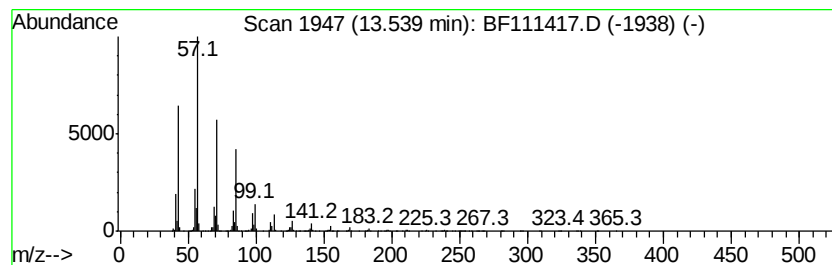
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	103.07 ng	7750530	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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Instrument :
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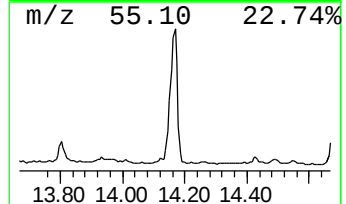
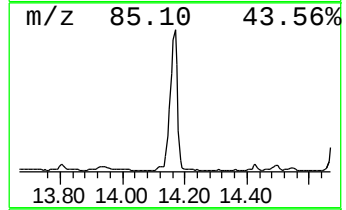
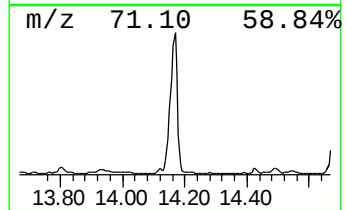
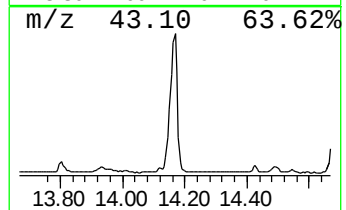
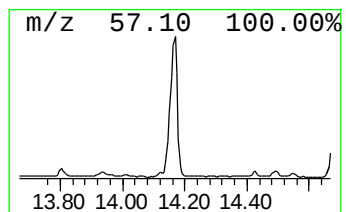
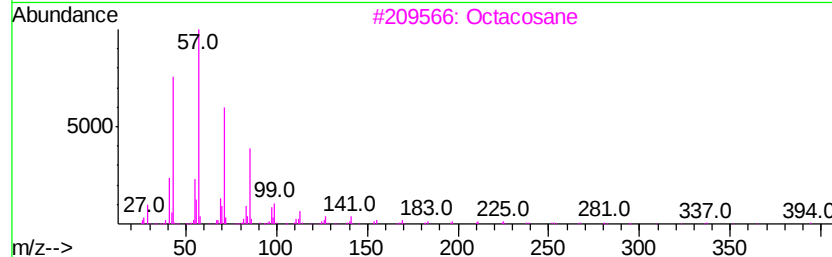
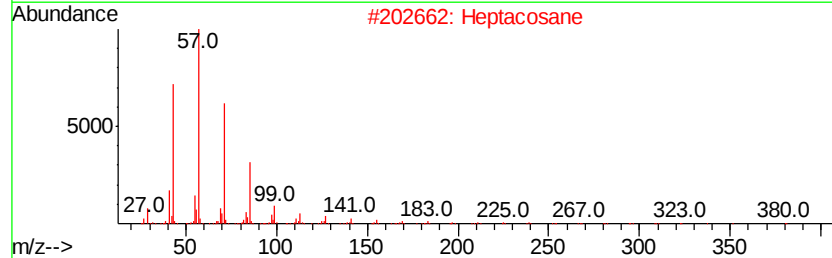
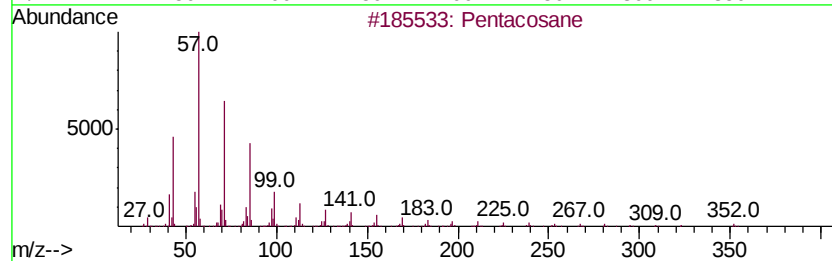
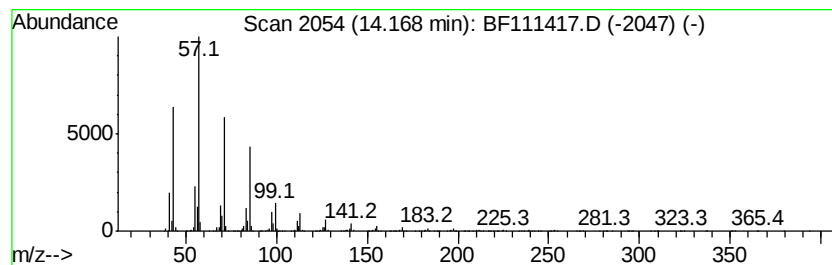
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 17 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	97.77 ng	7351880	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	96
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111417.D
Acq On : 14 Dec 2018 14:32
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
056_BT-1-2

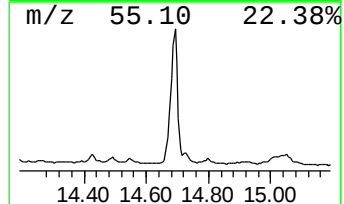
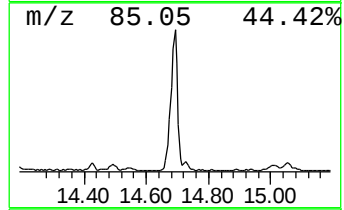
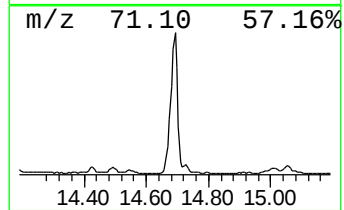
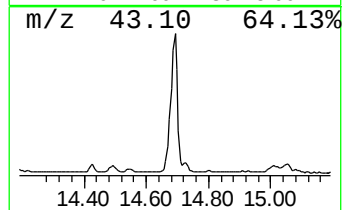
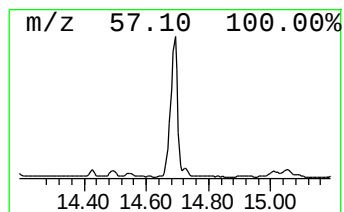
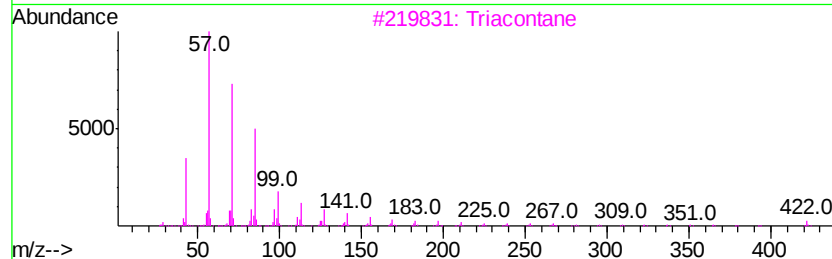
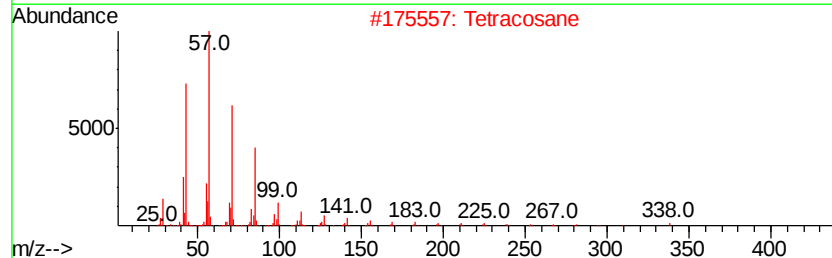
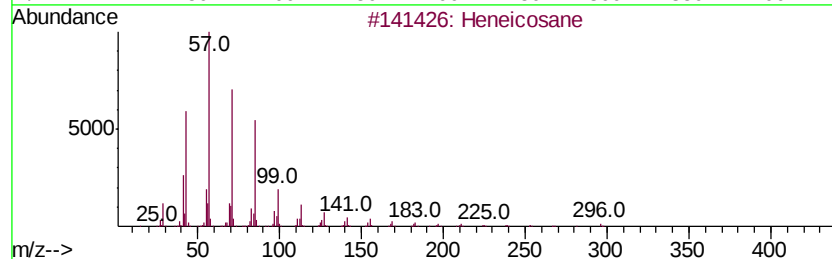
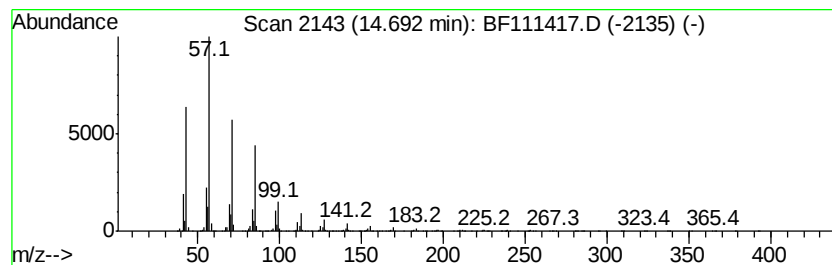
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	117.14 ng	6356520	Perylene-d12	15.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Triacontane	422	C30H62	000638-68-6	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111417.D
Acq On : 14 Dec 2018 14:32
Operator : JU/SJ
Sample : J6319-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
056_BT-1-2

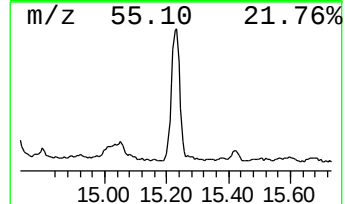
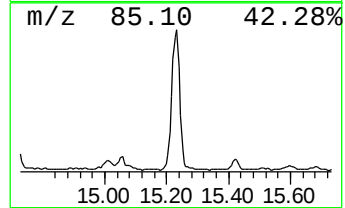
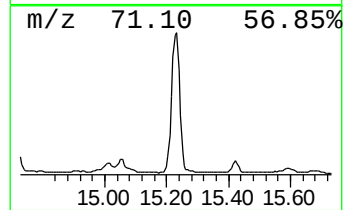
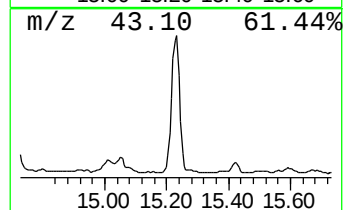
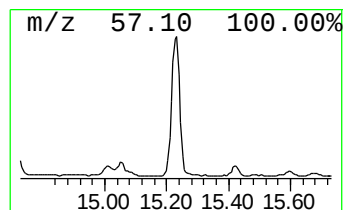
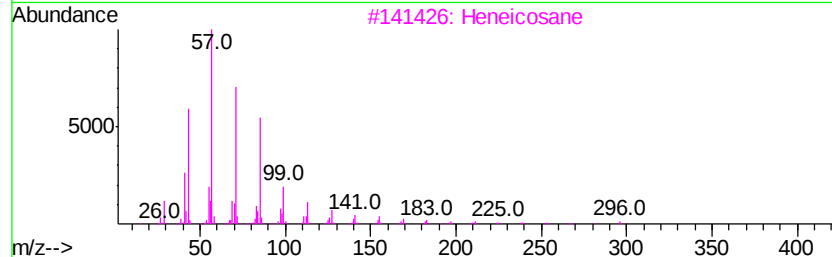
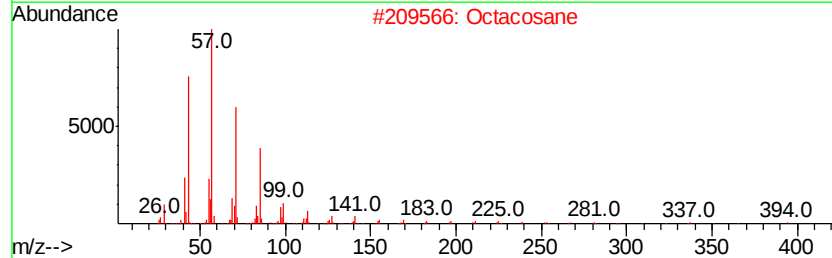
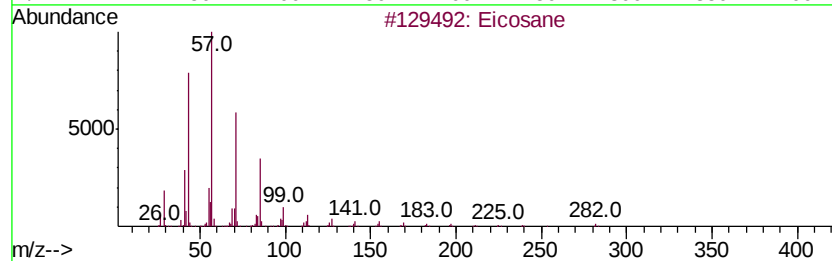
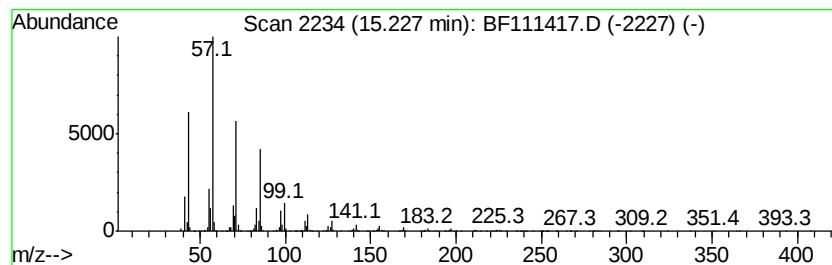
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	81.58 ng	4426560	Perylene-d12	15.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111417.D
Acq On : 14 Dec 2018 14:32
Operator : JU/SJ
Sample : J6319-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
056_BT-1-2

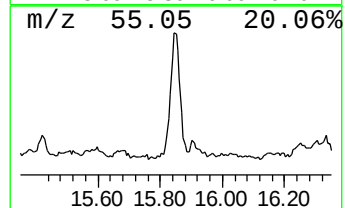
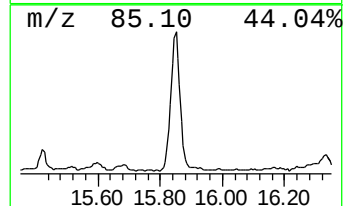
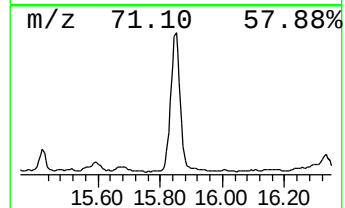
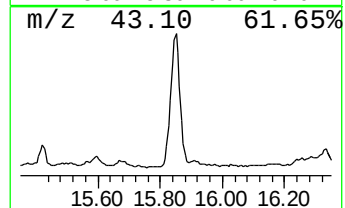
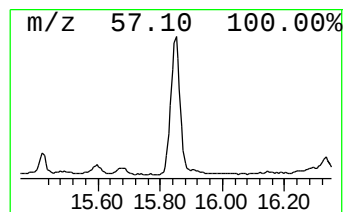
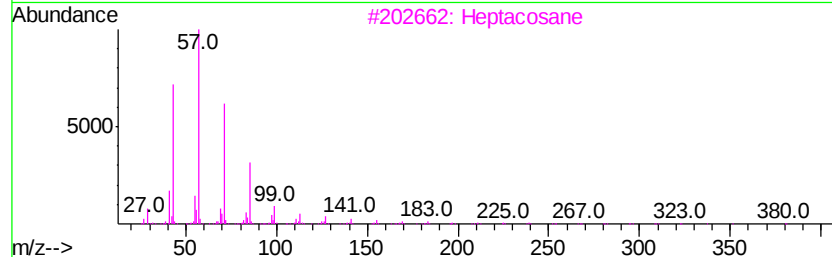
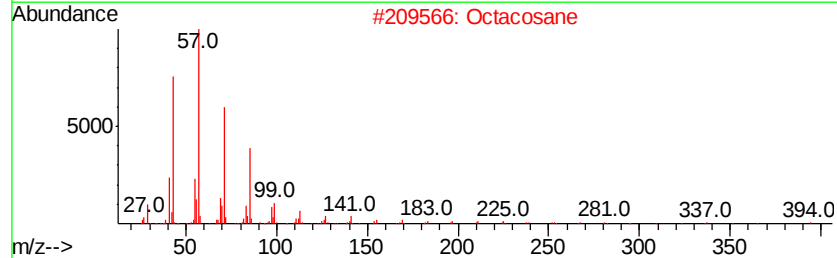
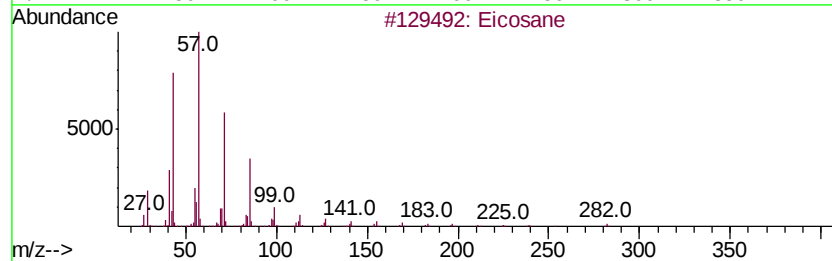
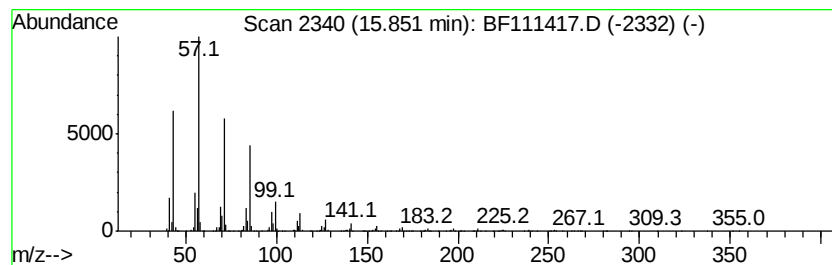
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	44.98 ng	2440910	Perylene-d12	15.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
 Data File : BF111417.D
 Acq On : 14 Dec 2018 14:32
 Operator : JU/SJ
 Sample : J6319-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 056_BT-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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
Heptane, 2,5-dime...	4.95	54.2	ng	4226920	1	6.80	1559880	20.0
Cyclohexane, 1,1,...	5.01	48.6	ng	3792190	1	6.80	1559880	20.0
unknown5.22	5.22	58.7	ng	4581230	1	6.80	1559880	20.0
cis-2-Nonene	5.57	59.0	ng	4602330	1	6.80	1559880	20.0
1-Ethyl-3-methylc...	5.66	46.9	ng	3659890	1	6.80	1559880	20.0
Cyclohexane, 1-et...	5.83	57.1	ng	4456760	1	6.80	1559880	20.0
unknown5.96	5.96	75.4	ng	5877610	1	6.80	1559880	20.0
unknown6.06	6.06	101.9	ng	7951040	1	6.80	1559880	20.0
Decane, 2,5,6-tri...	6.25	76.3	ng	5951600	1	6.80	1559880	20.0
unknown6.34	6.34	71.4	ng	5572170	1	6.80	1559880	20.0
unknown6.57	6.57	118.7	ng	9259370	1	6.80	1559880	20.0
Benzene, 1,3-diet...	7.05	43.7	ng	3405080	1	6.80	1559880	20.0
unknown7.12	7.12	46.0	ng	3589350	1	6.80	1559880	20.0
unknown7.20	7.20	52.5	ng	4092230	1	6.80	1559880	20.0
Heptacosane	13.54	103.1	ng	7750530	5	13.94	1503990	20.0
Pentacosane	14.17	97.8	ng	7351880	5	13.94	1503990	20.0
Heneicosane	14.69	117.1	ng	6356520	6	15.38	1085260	20.0
Eicosane	15.23	81.6	ng	4426560	6	15.38	1085260	20.0
Hexacosane	15.85	45.0	ng	2440910	6	15.38	1085260	20.0