

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111418.D
 Acq On : 14 Dec 2018 15:00
 Operator : JU/SJ
 Sample : J6319-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 057_BT-2-1

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	3.269	185	201	213	rBV3	209940	716149	11.21%	0.357%
2	3.816	287	294	302	rVB2	880427	2066135	32.33%	1.031%
3	3.957	310	318	324	rBV	1194777	2047431	32.04%	1.021%
4	4.104	338	343	347	rVB2	1437912	2099428	32.85%	1.047%
5	4.151	347	351	360	rVB	686661	1073602	16.80%	0.535%
6	4.257	360	369	372	rBV2	672462	1196579	18.72%	0.597%
7	4.299	372	376	381	rBV3	465954	816522	12.78%	0.407%
8	4.440	395	400	406	rBV2	1291467	1844185	28.86%	0.920%
9	4.546	411	418	423	rBV2	1520893	2163578	33.86%	1.079%
10	4.857	467	471	475	rVB	1673990	1981894	31.01%	0.989%
11	4.910	475	480	482	rBV3	624212	1021083	15.98%	0.509%
12	4.946	482	486	492	rVB2	2279478	3870934	60.57%	1.931%
13	5.010	492	497	500	rBV2	1958374	2149329	33.63%	1.072%
14	5.075	506	508	512	rVB2	595409	653182	10.22%	0.326%
15	5.210	526	531	534	rBV	2411802	2731492	42.74%	1.362%
16	5.246	534	537	541	rVB3	622110	991208	15.51%	0.494%
17	5.298	541	546	548	rBV	1819018	1957095	30.62%	0.976%
18	5.322	548	550	553	rVB	1525164	1398393	21.88%	0.697%
19	5.404	560	564	565	rVV	2757236	3309059	51.78%	1.650%
20	5.422	565	567	570	rVB	3956997	3126137	48.92%	1.559%
21	5.493	576	579	582	rBV2	696368	612378	9.58%	0.305%
22	5.575	589	593	598	rBV3	1728785	2768000	43.31%	1.381%
23	5.616	598	600	603	rVB	2023154	1679053	26.27%	0.837%
24	5.657	603	607	615	rBV2	1572379	2428071	37.99%	1.211%
25	5.728	615	619	623	rVB3	511287	665831	10.42%	0.332%
26	5.822	630	635	639	rVB3	1699010	2632617	41.20%	1.313%
27	5.875	639	644	647	rBV3	1037674	1718514	26.89%	0.857%
28	5.957	653	658	662	rVB3	2965986	3400598	53.21%	1.696%
29	6.010	662	667	669	rBV	957505	1285435	20.11%	0.641%
30	6.057	671	675	681	rVB	4117450	4817699	75.39%	2.403%
31	6.110	681	684	688	rBV2	1428979	1480050	23.16%	0.738%
32	6.240	701	706	711	rBV2	1968760	3288521	51.46%	1.640%
33	6.287	711	714	715	rBV2	696544	631532	9.88%	0.315%
34	6.304	715	717	719	rVB	2356332	1692877	26.49%	0.844%

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

35	6.334	719	722	725	rBV	2929427	2817907	44.09%	1.405%
36	6.393	729	732	735	rBV	1886926	1593314	24.93%	0.795%
37	6.434	735	739	744	rBV	3728194	4591832	71.85%	2.290%
38	6.475	744	746	749	rBV2	693447	627350	9.82%	0.313%
39	6.569	753	762	766	rBV2	4629941	6390553	100.00%	3.187%
40	6.634	770	773	775	rBV2	480242	617533	9.66%	0.308%
41	6.792	797	800	802	rVV	2209821	2434393	38.09%	1.214%
42	6.816	802	804	808	rVV	2198159	2398596	37.53%	1.196%
43	6.863	808	812	815	rVV2	1077349	1567337	24.53%	0.782%
44	6.898	815	818	819	rVV2	732160	876087	13.71%	0.437%
45	6.916	819	821	823	rVV2	1059944	1162013	18.18%	0.580%
46	6.951	823	827	829	rVV	4949548	5087843	79.62%	2.538%
47	6.975	829	831	835	rVV2	1649929	2027990	31.73%	1.011%
48	7.045	838	843	845	rVV2	1932584	2586578	40.48%	1.290%
49	7.081	845	849	851	rVV2	1592170	2107823	32.98%	1.051%
50	7.116	851	855	857	rVV2	2024915	2574738	40.29%	1.284%
51	7.140	857	859	864	rVV	1840842	2253530	35.26%	1.124%
52	7.192	864	868	871	rVV	2341414	2697981	42.22%	1.346%
53	7.228	871	874	878	rVV5	554414	1133906	17.74%	0.566%
54	7.263	878	880	884	rVV4	457578	801841	12.55%	0.400%
55	7.334	887	892	894	rVV	4522096	5703254	89.25%	2.845%
56	7.357	894	896	902	rVV2	3125654	5106373	79.91%	2.547%
57	7.445	906	911	914	rVV4	1504825	2254431	35.28%	1.124%
58	7.487	914	918	919	rVV2	781157	1016866	15.91%	0.507%
59	7.510	919	922	925	rVV2	940647	1543639	24.16%	0.770%
60	7.569	926	932	936	rVV	2599145	4035493	63.15%	2.013%
61	7.604	936	938	942	rVV3	978479	1244969	19.48%	0.621%
62	7.639	942	944	947	rVV2	703261	886227	13.87%	0.442%
63	7.687	947	952	954	rVV2	1409100	1990580	31.15%	0.993%
64	7.728	956	959	961	rVV2	1357918	1873862	29.32%	0.935%
65	7.751	961	963	964	rVV	2036123	1713493	26.81%	0.855%
66	7.769	964	966	969	rVV3	1571082	1802697	28.21%	0.899%
67	7.816	969	974	976	rVV2	2909915	3701496	57.92%	1.846%
68	7.834	976	977	983	rVV2	1325185	2219755	34.73%	1.107%
69	7.881	983	985	986	rVV	960663	841137	13.16%	0.420%
70	7.898	986	988	993	rVV3	1356621	1752850	27.43%	0.874%
71	7.951	993	997	1001	rVV	1540079	1856807	29.06%	0.926%

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72	8.039	1005	1012	1014	rVV4	1360403	2669764	41.78%	1.332%
73	8.069	1014	1017	1020	rVV2	3782370	4928711	77.12%	2.458%
74	8.098	1020	1022	1024	rVV2	2090359	2203311	34.48%	1.099%
75	8.128	1024	1027	1029	rVV	2007853	2327553	36.42%	1.161%
76	8.145	1029	1030	1032	rVV	1391774	1054776	16.51%	0.526%
77	8.169	1032	1034	1037	rVV	1333515	1379088	21.58%	0.688%
78	8.198	1037	1039	1042	rVV3	559513	774633	12.12%	0.386%
79	8.251	1042	1048	1051	rVV5	796181	1780275	27.86%	0.888%
80	8.287	1051	1054	1056	rVV3	673800	920381	14.40%	0.459%
81	8.334	1060	1062	1064	rVV2	715993	896994	14.04%	0.447%
82	8.357	1064	1066	1067	rVV	1223967	1097380	17.17%	0.547%
83	8.375	1067	1069	1072	rVV2	1073056	1404011	21.97%	0.700%
84	8.404	1072	1074	1076	rVV2	758147	804406	12.59%	0.401%
85	8.428	1076	1078	1081	rVV2	679594	787151	12.32%	0.393%
86	8.463	1081	1084	1087	rVV	1845920	1926067	30.14%	0.961%
87	8.504	1087	1091	1093	rVV2	953185	1247869	19.53%	0.622%
88	8.545	1096	1098	1100	rVV	1106561	992494	15.53%	0.495%
89	8.586	1101	1105	1110	rVV4	829891	1636784	25.61%	0.816%
90	8.628	1110	1112	1116	rVV2	475855	730162	11.43%	0.364%
91	8.663	1116	1118	1122	rVV2	589741	903273	14.13%	0.451%
92	8.710	1124	1126	1132	rVV	505498	933015	14.60%	0.465%
93	8.886	1151	1156	1160	rVV2	656212	808095	12.65%	0.403%
94	9.151	1196	1201	1204	rBV	5054526	4190203	65.57%	2.090%
95	9.828	1310	1316	1319	rBV	1824111	1588989	24.86%	0.793%
96	10.616	1445	1450	1453	rBV	3085026	2783094	43.55%	1.388%
97	11.310	1564	1568	1571	rBV	1862051	1585075	24.80%	0.791%
98	12.898	1834	1838	1841	rBV	4251926	3792275	59.34%	1.891%
99	13.945	2012	2016	2019	rBV	1316739	1182564	18.50%	0.590%
100	15.380	2255	2260	2264	rBV	782151	958533	15.00%	0.478%

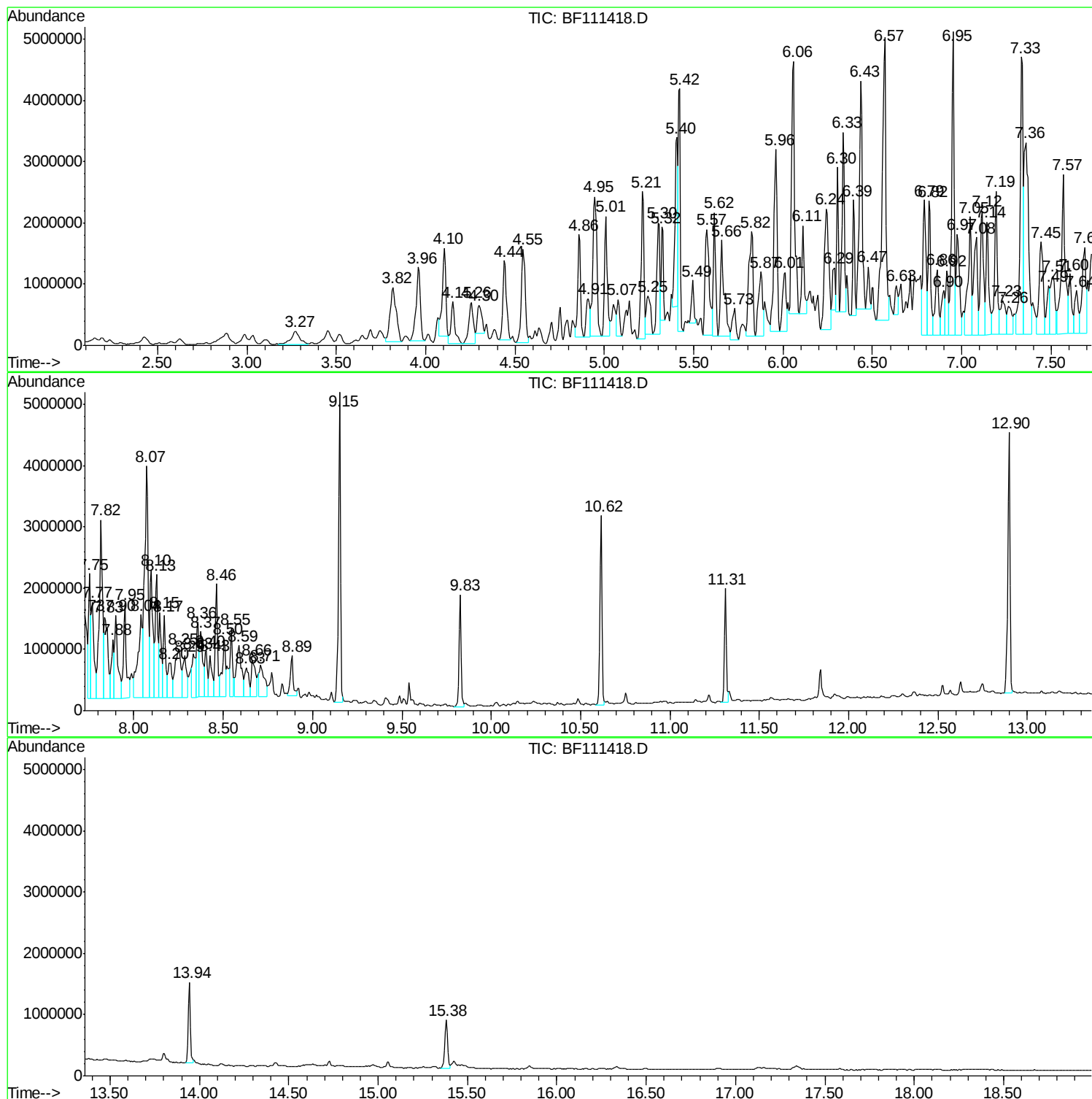
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ClientSampled :
057_BT-2-1

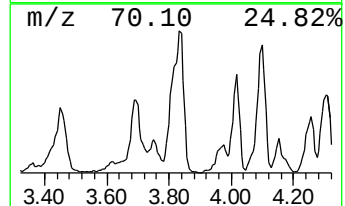
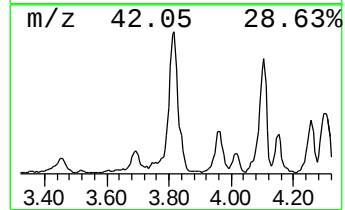
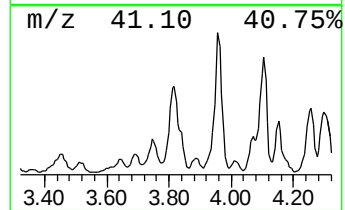
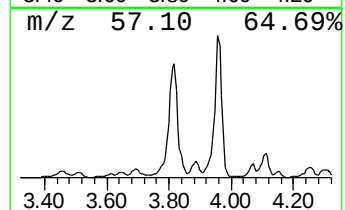
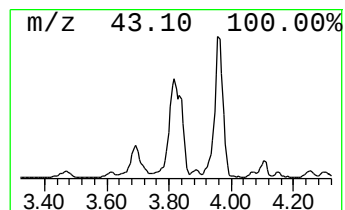
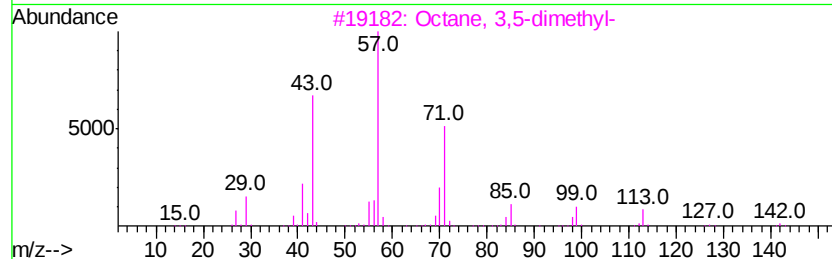
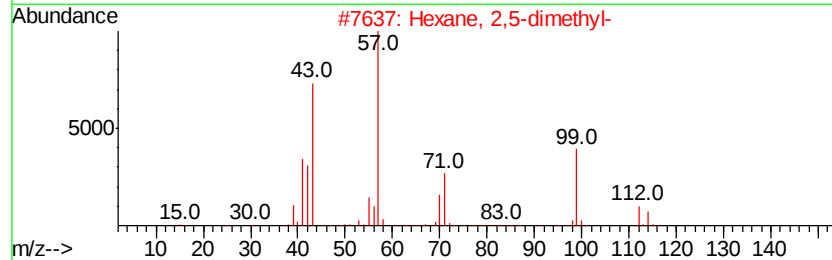
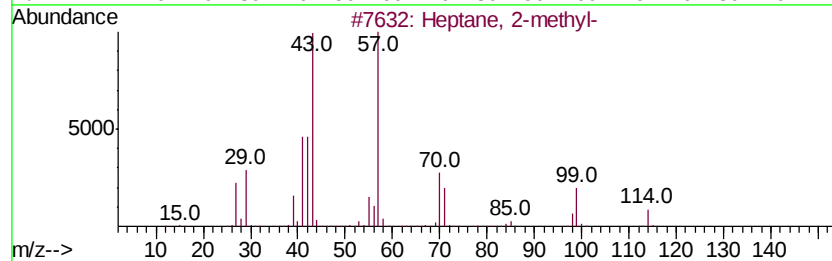
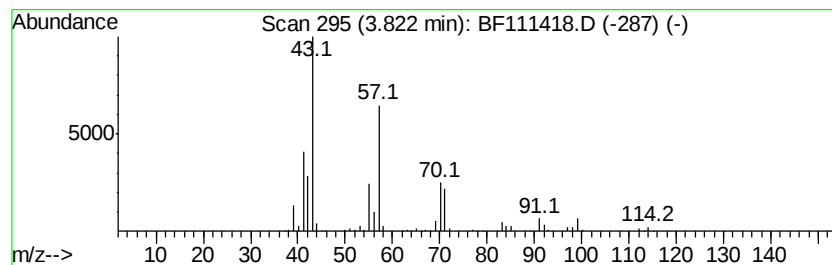
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	16.97 ng	2066140	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
2		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47
4		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	40
5		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38



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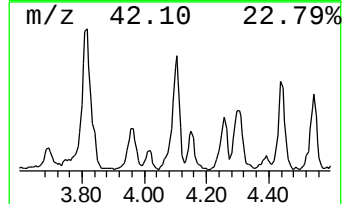
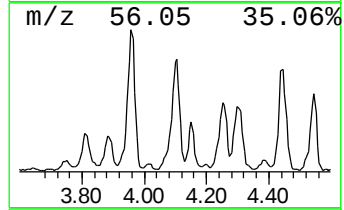
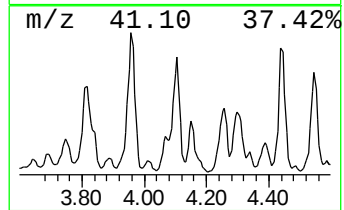
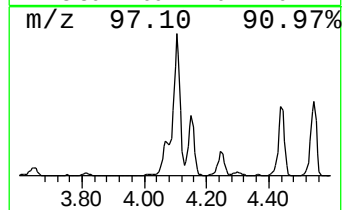
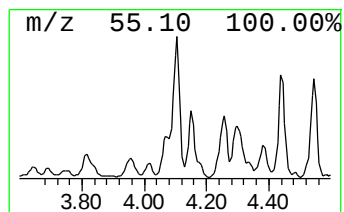
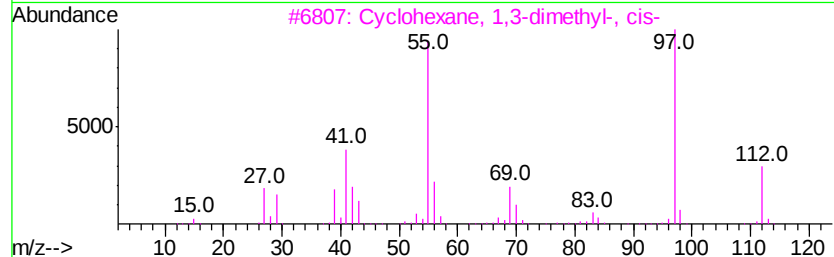
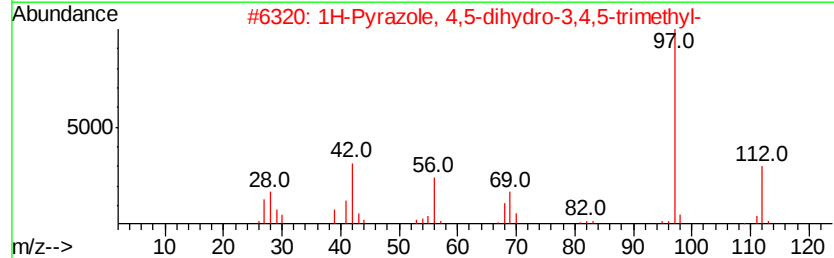
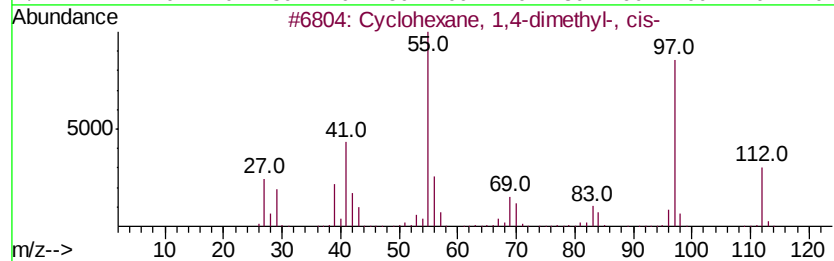
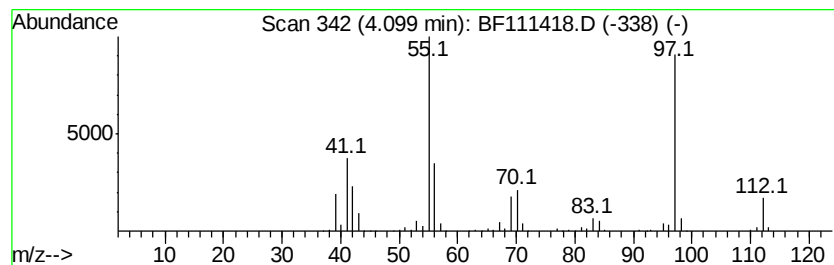
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	17.25 ng	2099430	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	86
2		1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	86
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	83
4		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	72
5		4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	59



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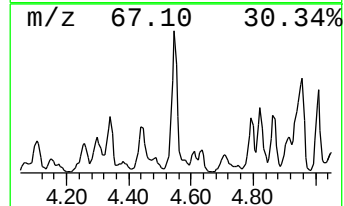
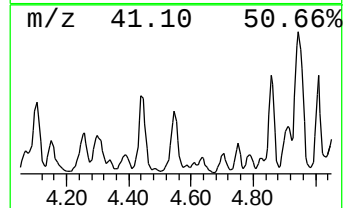
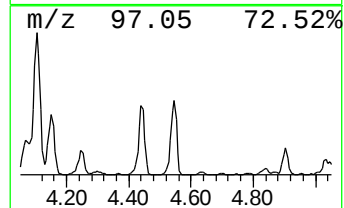
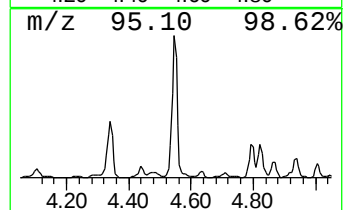
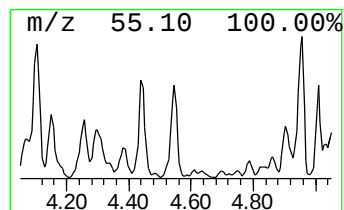
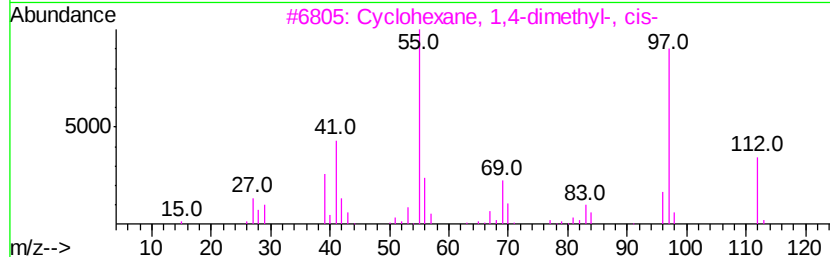
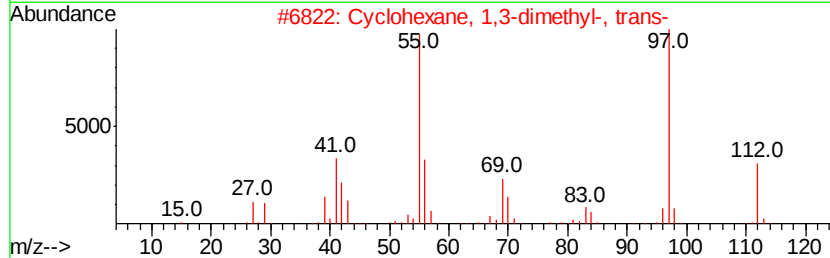
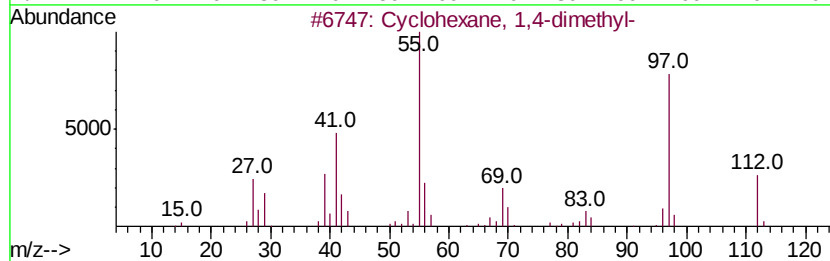
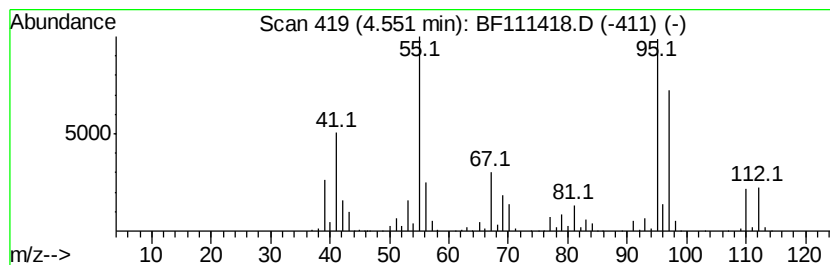
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	17.78 ng	2163580	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	55
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	50
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	50
5		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	50



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Acq On : 14 Dec 2018 15:00
Operator : JU/SJ
Sample : J6319-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

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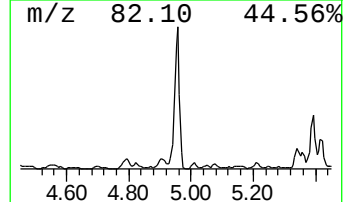
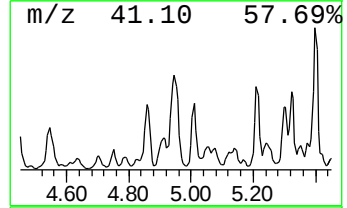
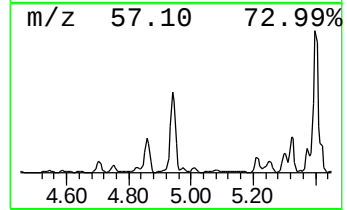
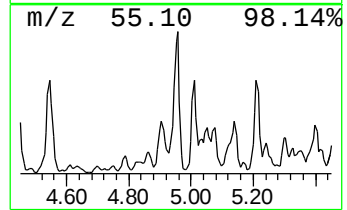
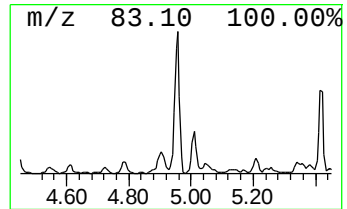
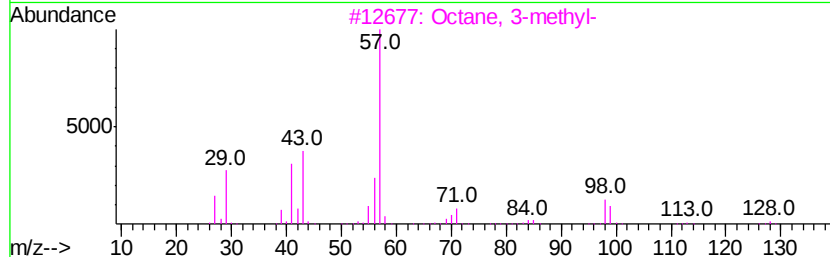
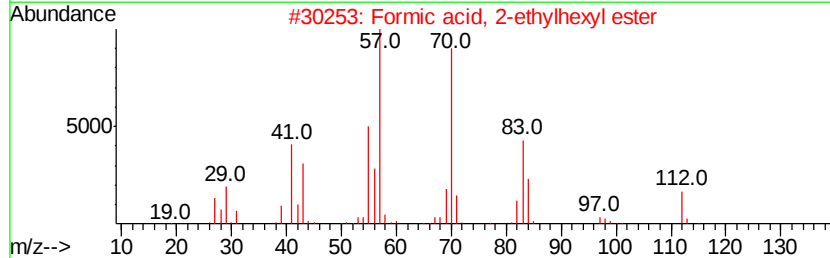
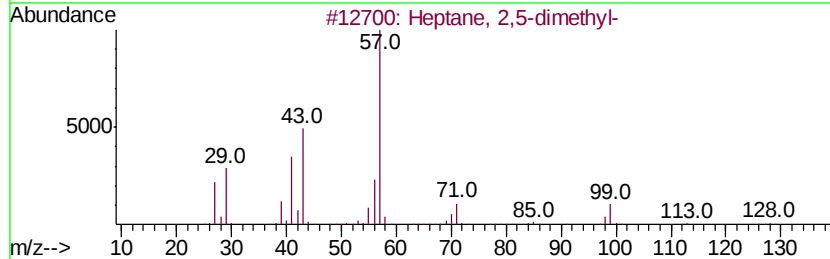
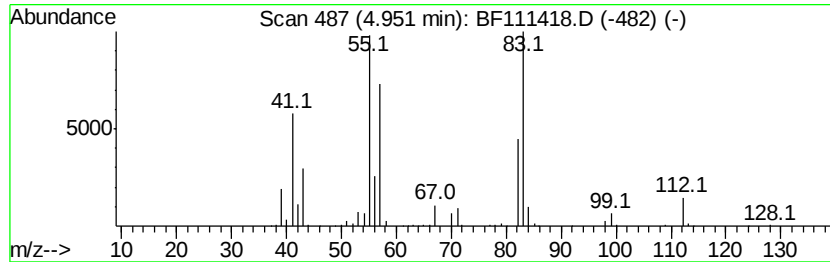
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptane, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	31.80 ng	3870930	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	60
2			Formic acid, 2-ethylhexyl ester	158	C9H18O2	1000368-94-7	45
3			Octane, 3-methyl-	128	C9H20	002216-33-3	43
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38
5			2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	1000365-19-6	38



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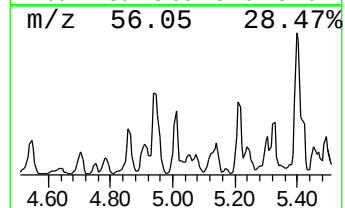
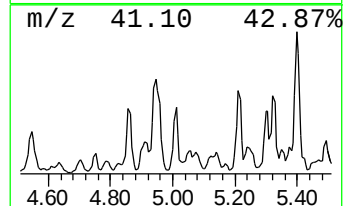
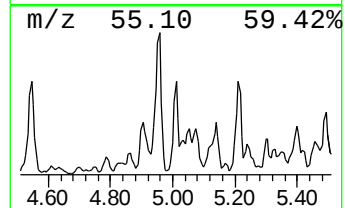
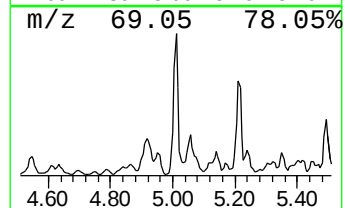
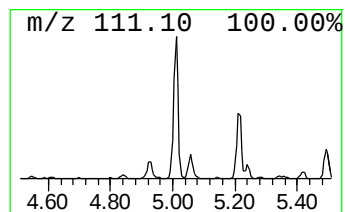
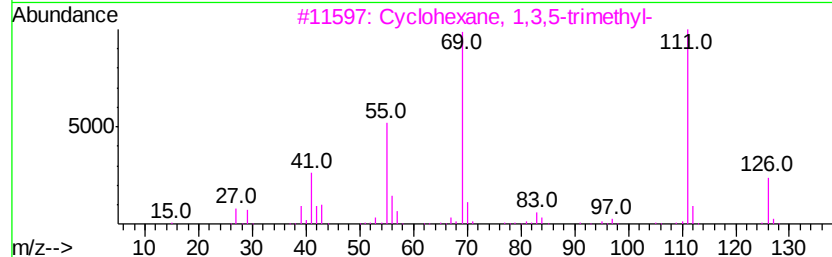
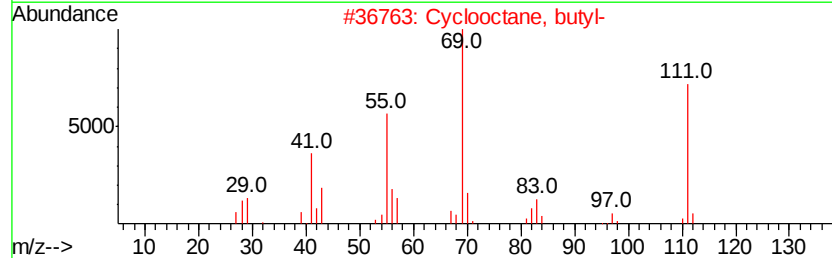
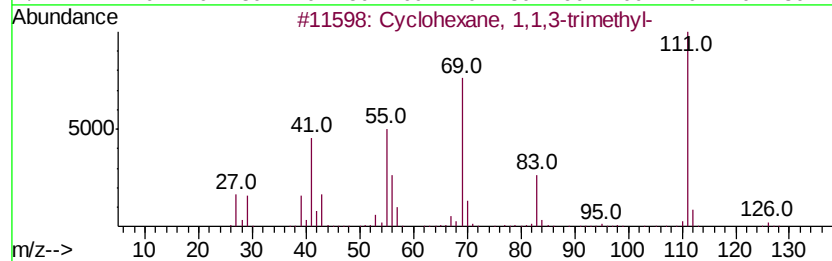
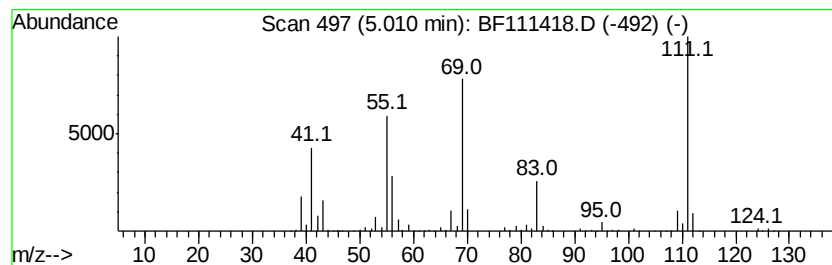
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	17.66 ng	2149330	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
2		Cyclooctane, butyl-	168	C12H24	016538-93-5	64
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
4		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	59
5		Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	50



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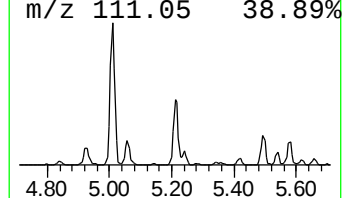
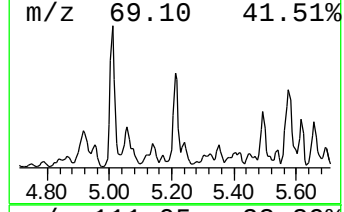
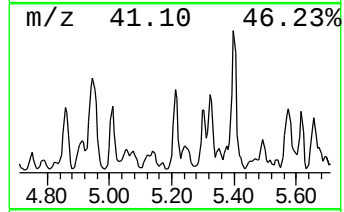
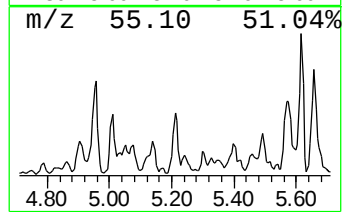
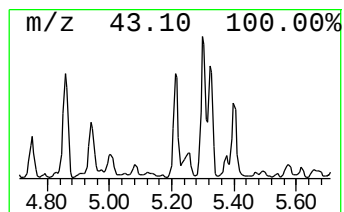
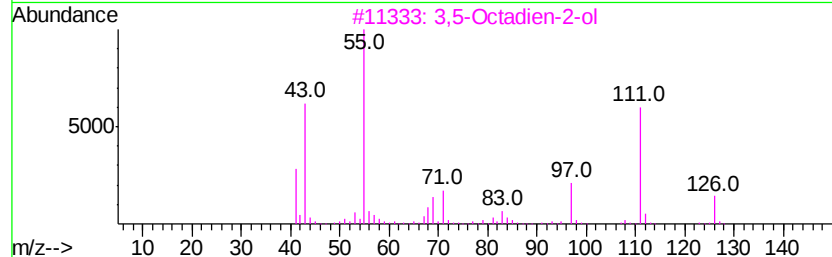
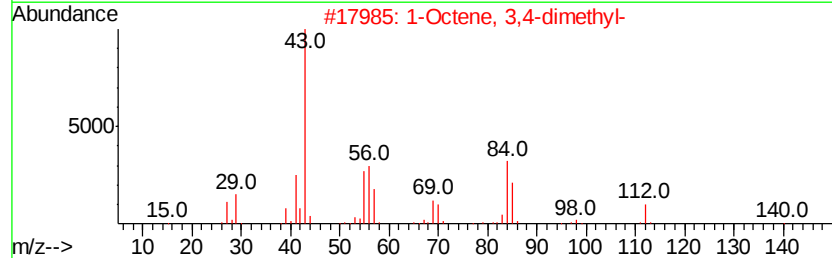
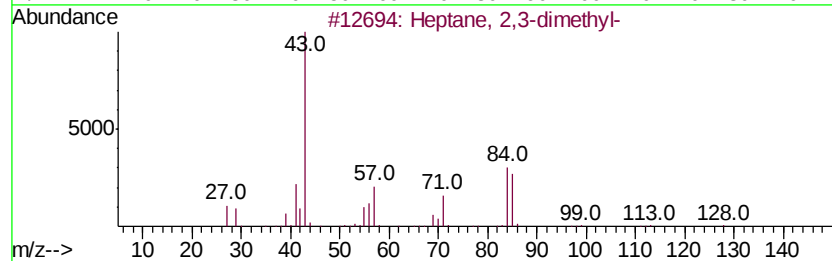
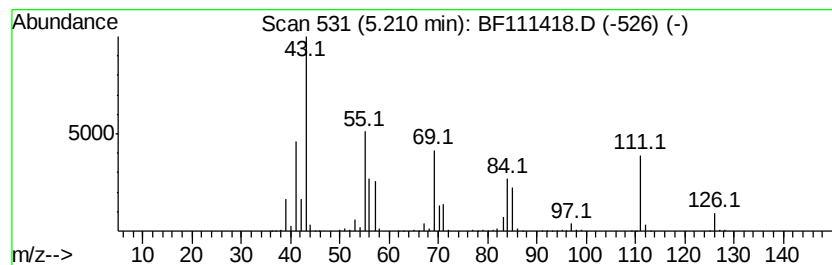
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown5.21 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	22.44 ng	2731490	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	38
2		1-Octene, 3,4-dimethyl-	140	C10H20	056728-11-1	38
3		3,5-Octadien-2-ol	126	C8H14O	069668-82-2	35
4		Oxalic acid, cyclobutyl nonyl ester	270	C15H26O4	1000309-70-0	35
5		Acetic acid, 2-ethylbutyl ester	144	C8H16O2	010031-87-5	35



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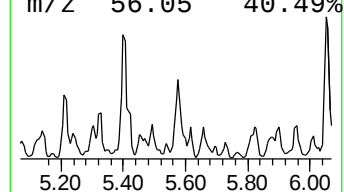
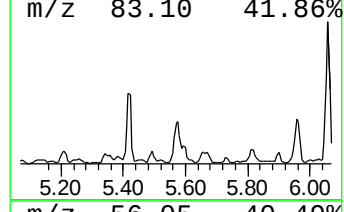
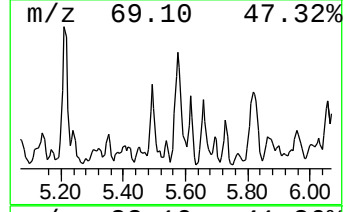
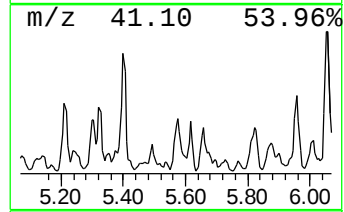
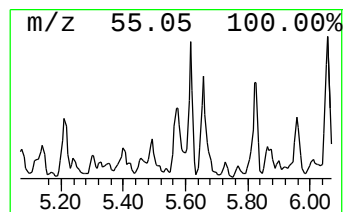
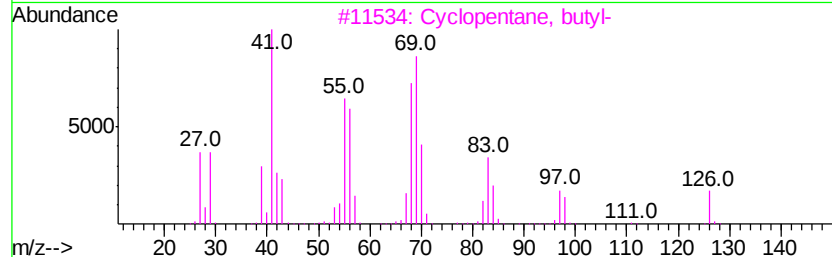
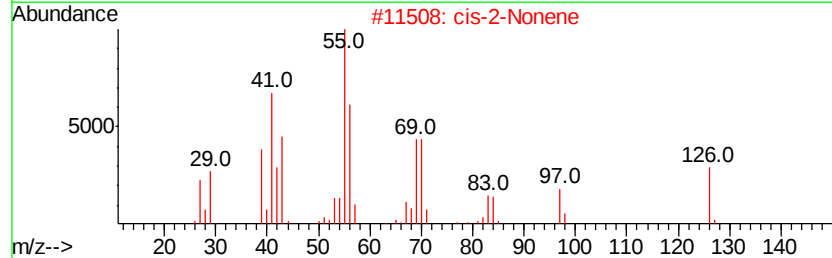
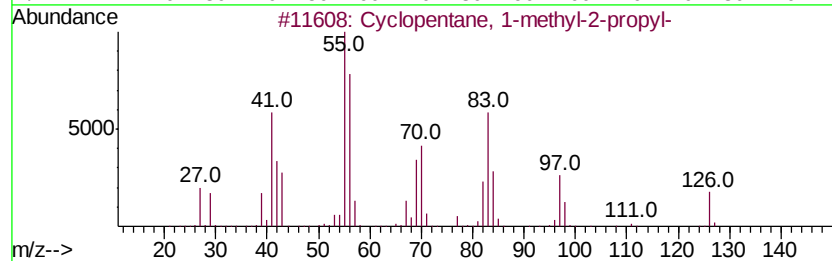
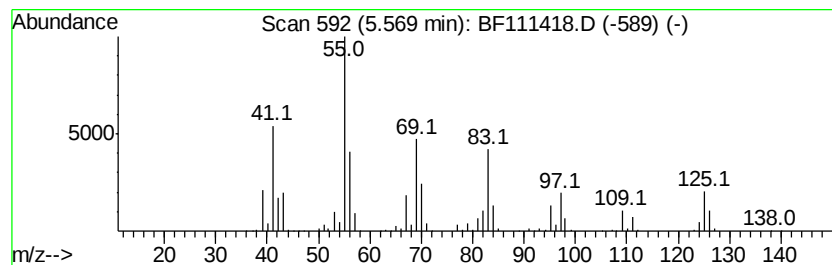
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclopentane, 1-methyl-2-pr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	22.74 ng	2768000	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	76
2		cis-2-Nonene	126	C9H18	006434-77-1	60
3		Cyclopentane, butyl-	126	C9H18	002040-95-1	50
4		2-Nonene, (E)-	126	C9H18	006434-78-2	49
5		Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	46



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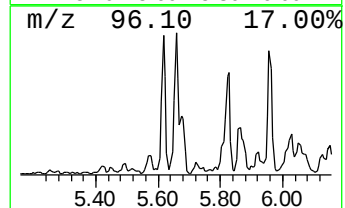
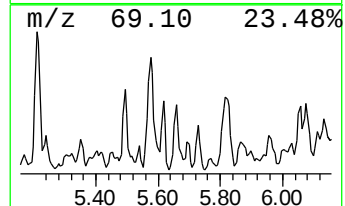
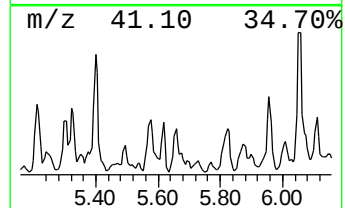
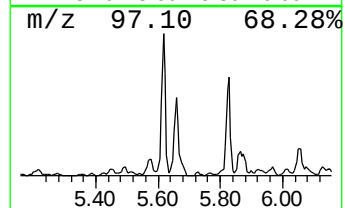
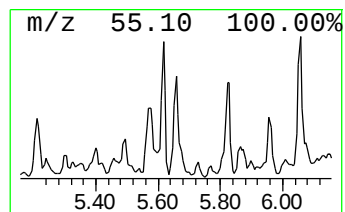
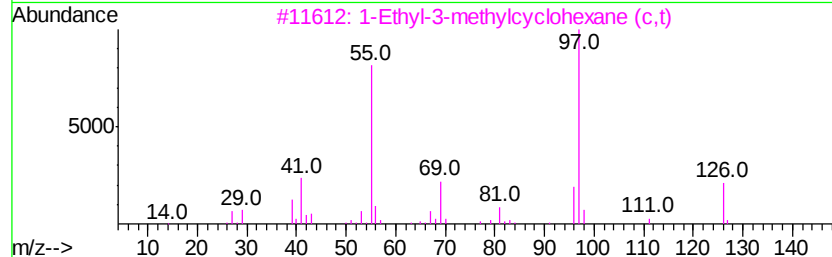
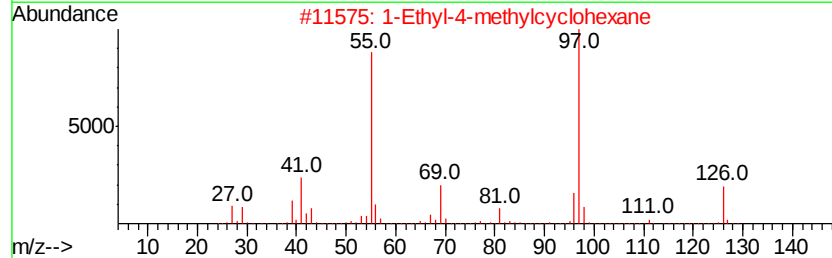
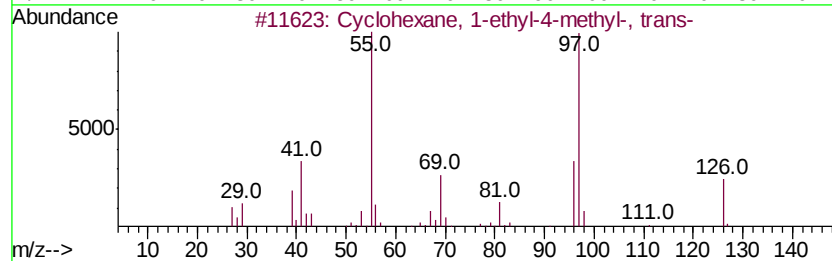
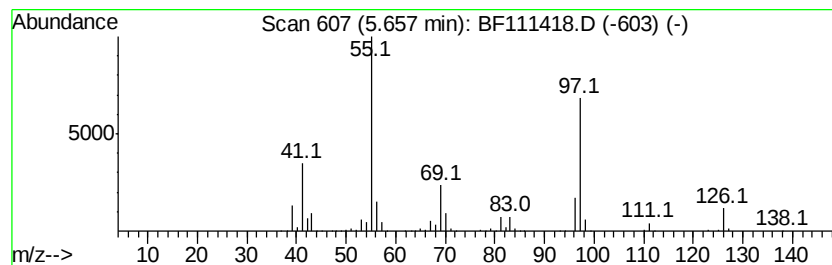
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	19.95 ng	2428070	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	83
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	80
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	80
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	76



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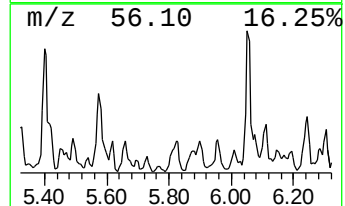
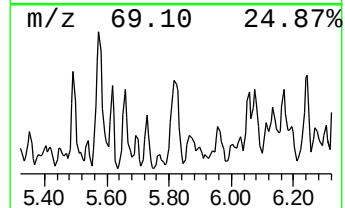
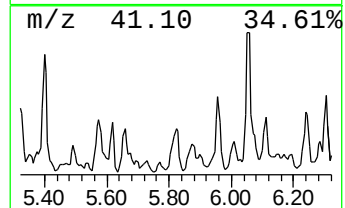
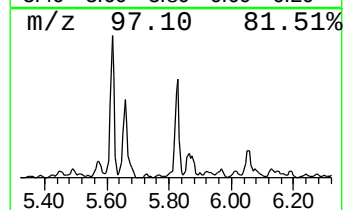
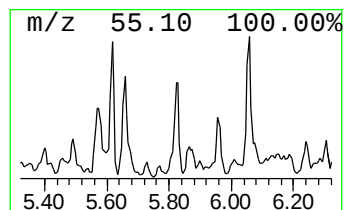
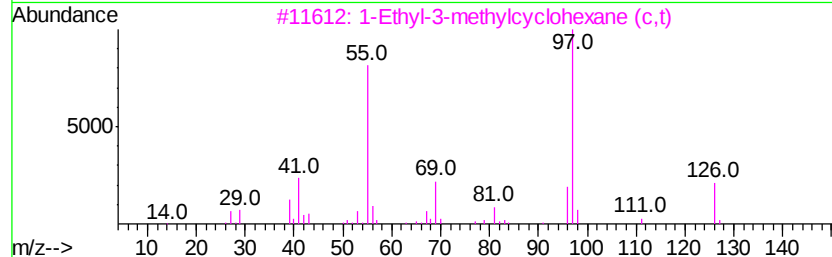
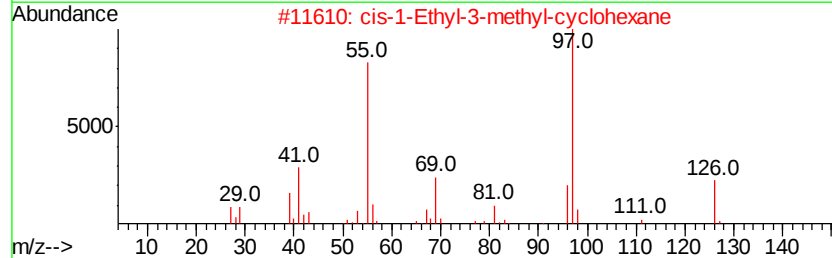
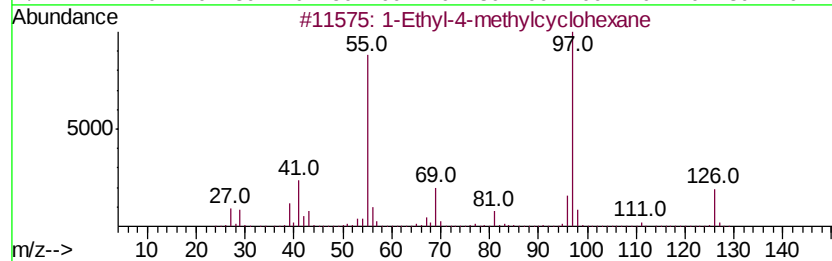
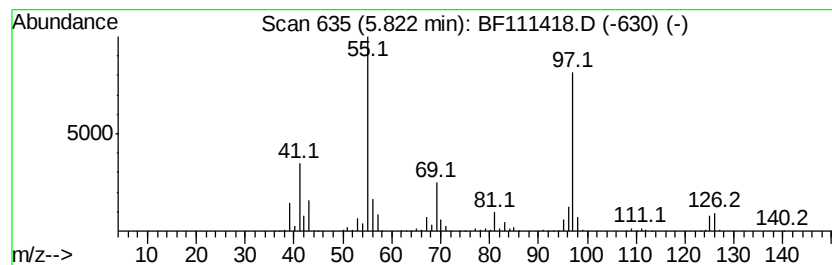
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Ethyl-4-methylcyclohexane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	21.63 ng	2632620	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	90
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	90
4		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	80



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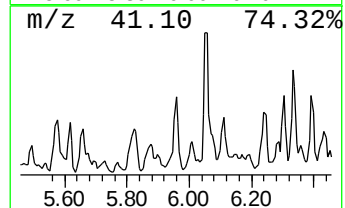
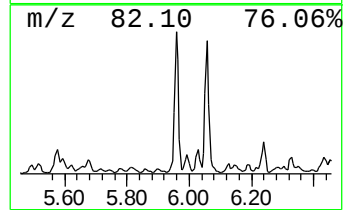
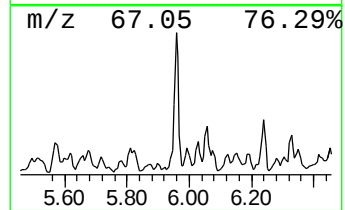
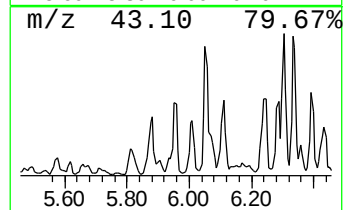
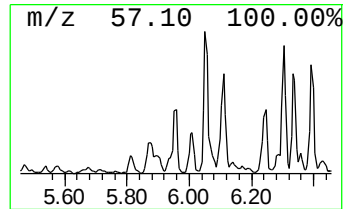
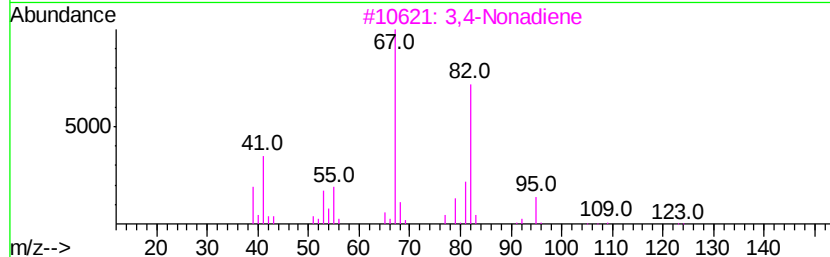
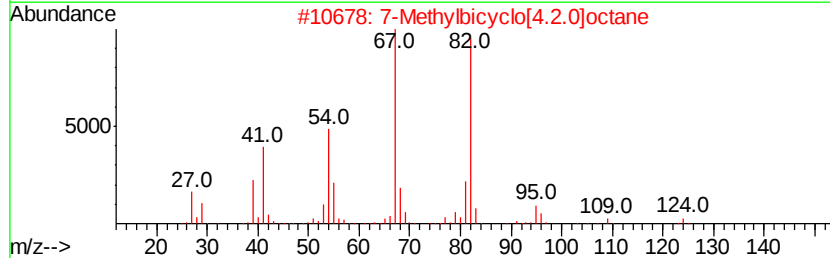
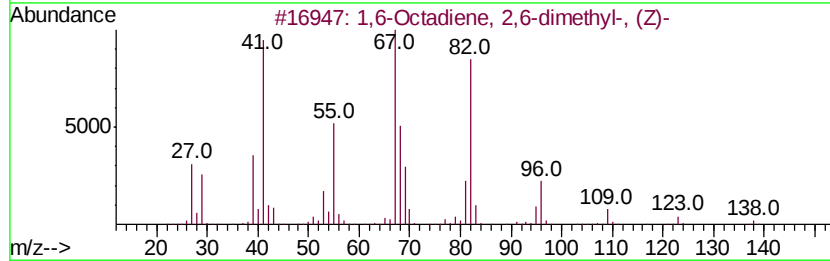
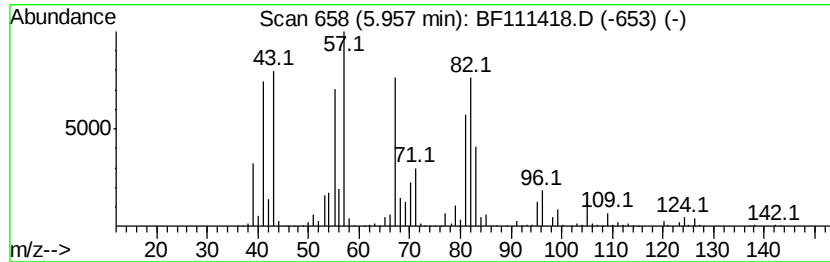
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown5.96 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	27.94 ng	3400600	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,6-Octadiene, 2,6-dimethyl-, (Z)-	138	C10H18	006874-34-6	49
2		7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	49
3		3,4-Nonadiene	124	C9H16	037050-03-6	47
4		Cyclohexyl propionate	156	C9H16O2	006222-35-1	47
5		1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111418.D
Acq On : 14 Dec 2018 15:00
Operator : JU/SJ
Sample : J6319-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
057_BT-2-1

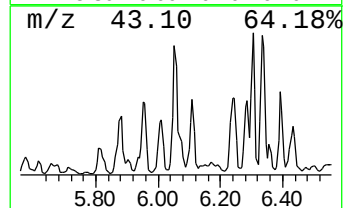
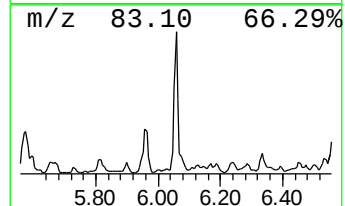
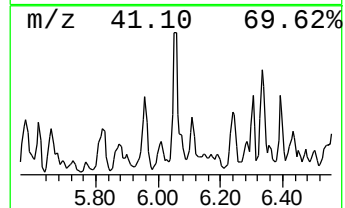
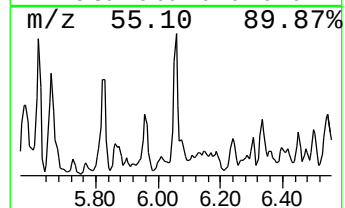
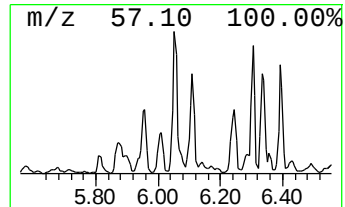
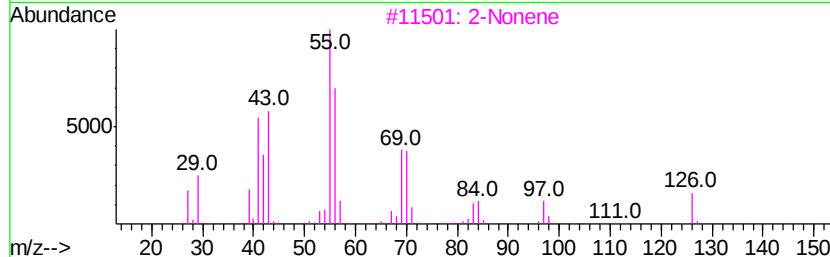
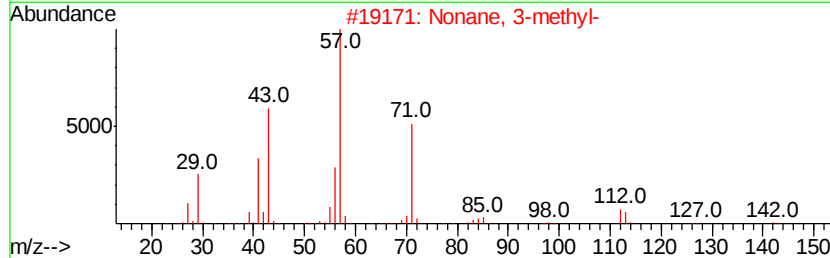
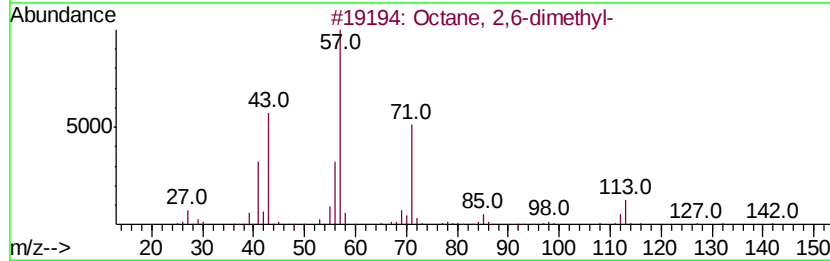
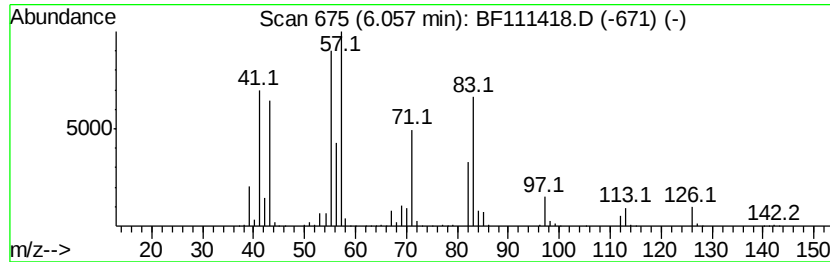
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown6.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	39.58 ng	4817700	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	38
3		2-Nonene	126	C9H18	002216-38-8	35
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	30
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111418.D
Acq On : 14 Dec 2018 15:00
Operator : JU/SJ
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Misc :
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ClientSampleId :
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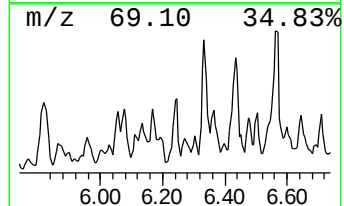
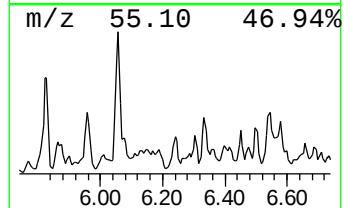
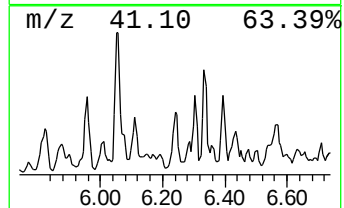
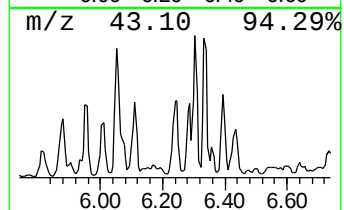
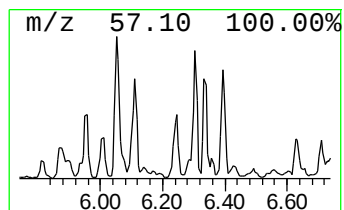
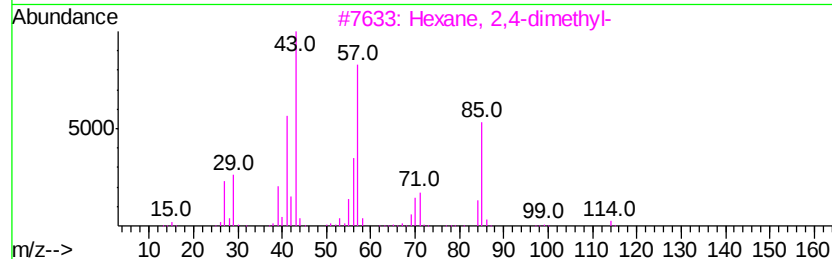
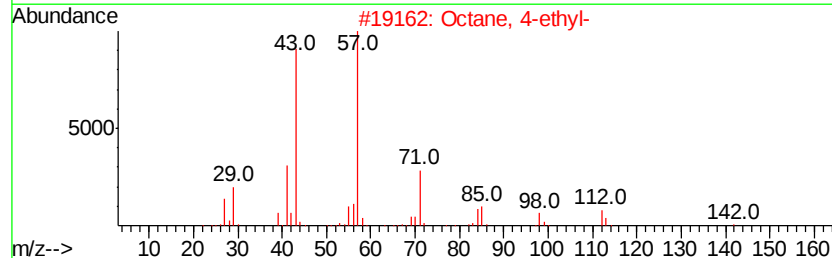
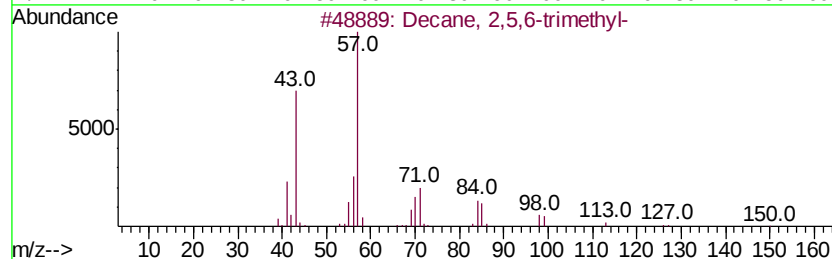
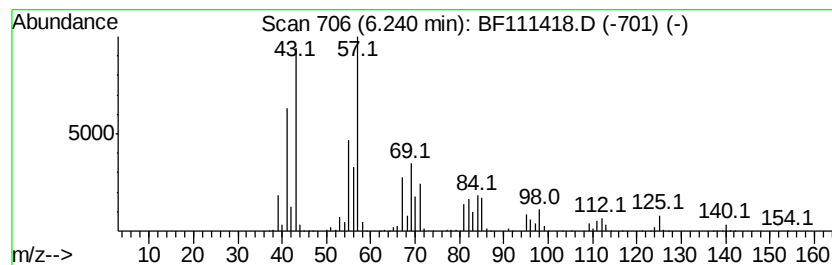
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octane, 4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	27.02 ng	3288520	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	58
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	53
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35
5		Hexyl octyl ether	214	C14H30O	017071-54-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111418.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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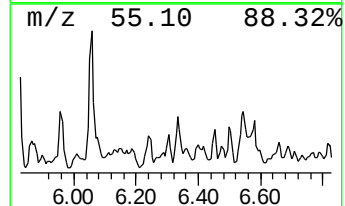
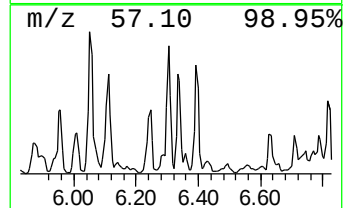
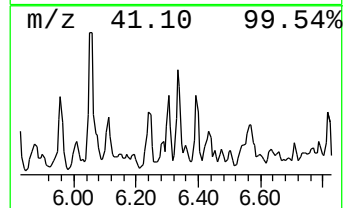
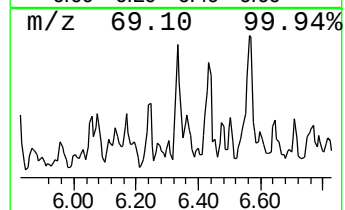
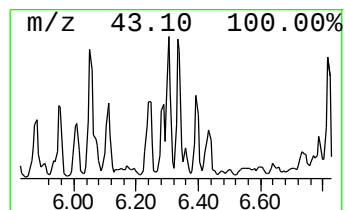
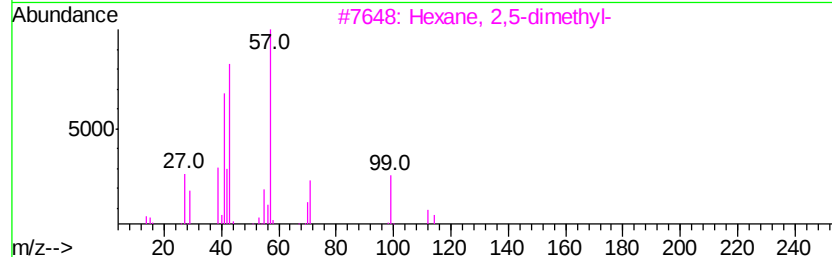
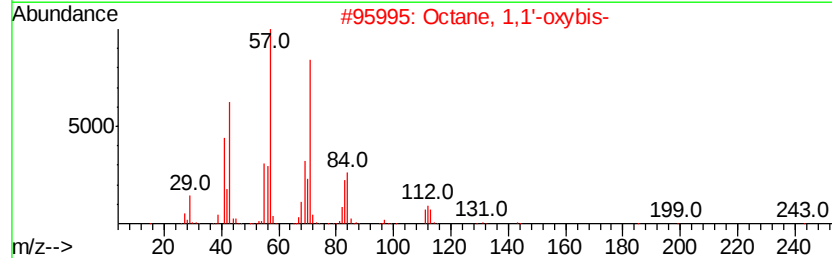
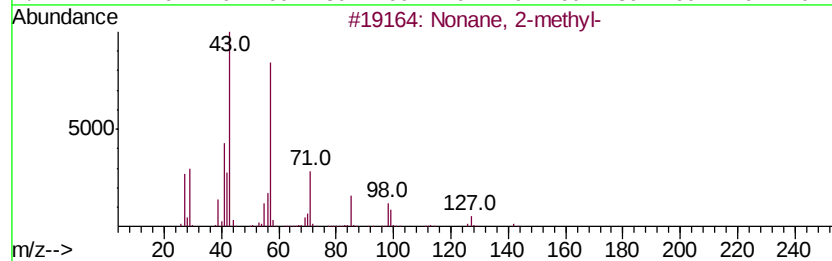
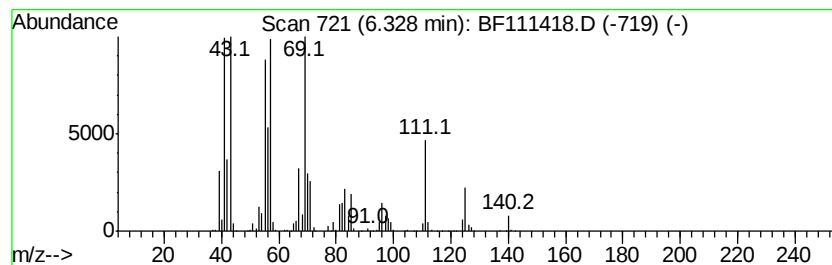
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	23.15 ng	2817910	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-	142	C10H22	000871-83-0	50
2		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	47
3		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43
4		Decane	142	C10H22	000124-18-5	43
5		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111418.D
Acq On : 14 Dec 2018 15:00
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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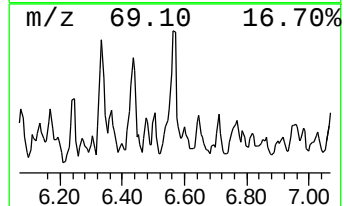
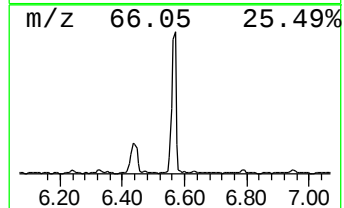
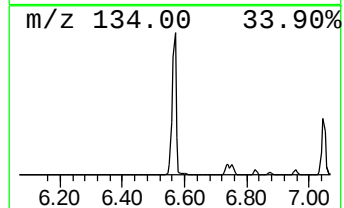
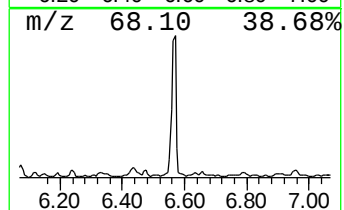
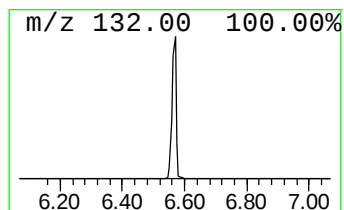
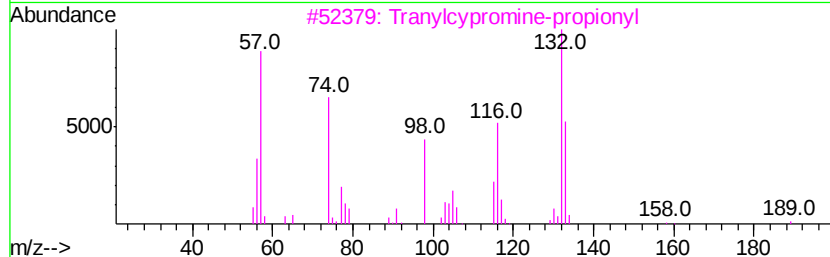
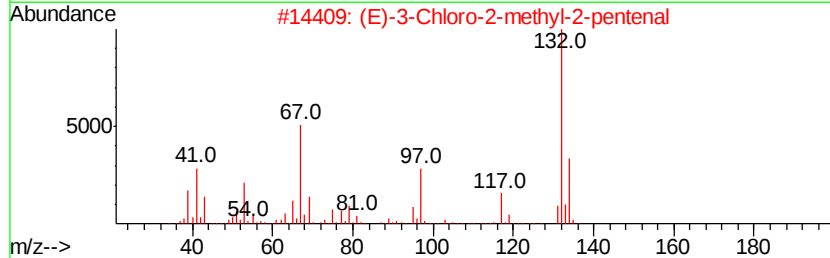
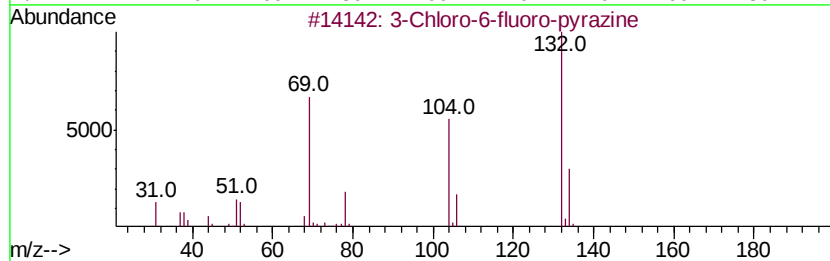
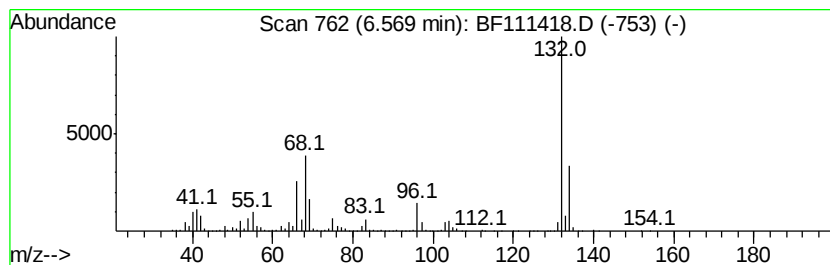
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	52.50 ng	6390550	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111418.D
Acq On : 14 Dec 2018 15:00
Operator : JU/SJ
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Instrument :
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057_BT-2-1

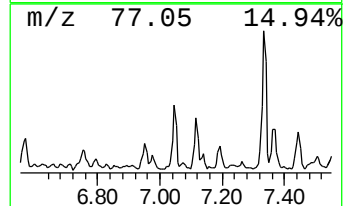
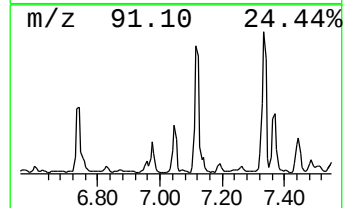
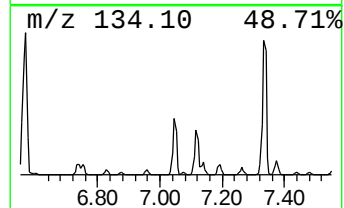
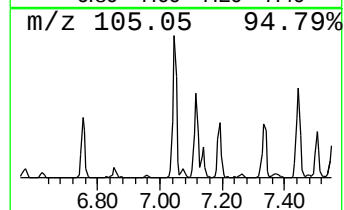
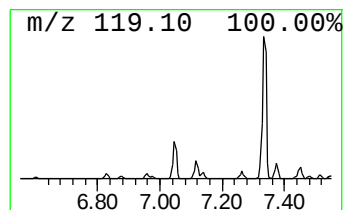
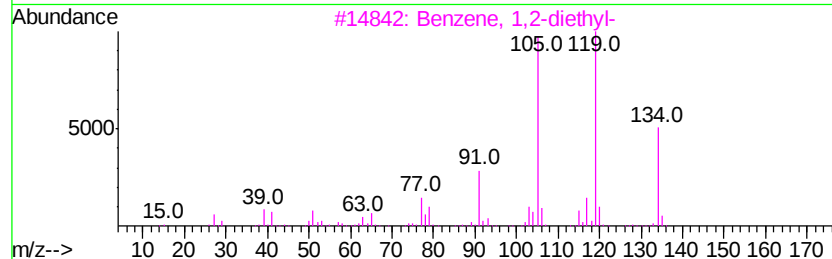
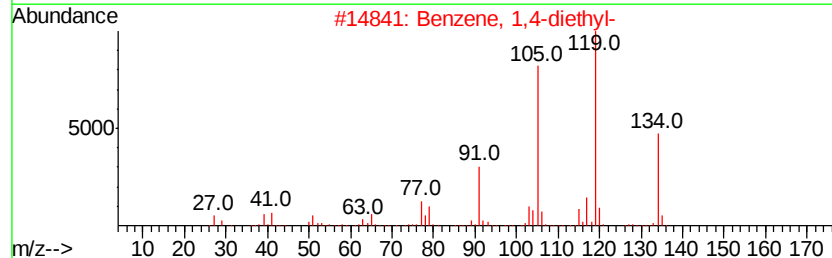
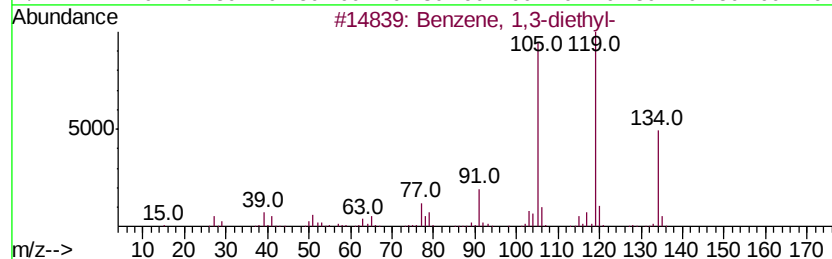
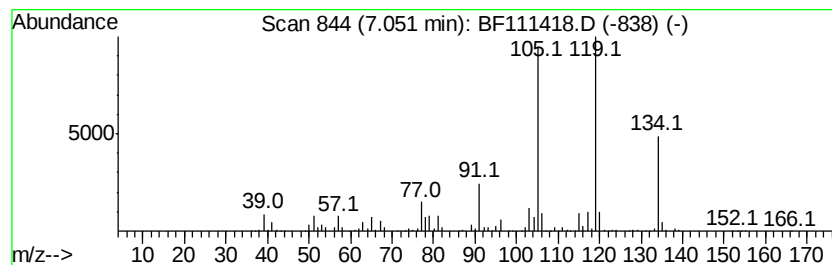
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	21.25 ng	2586580	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86



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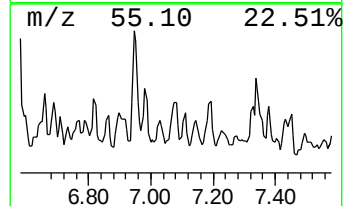
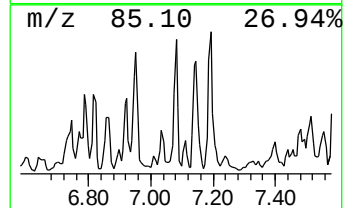
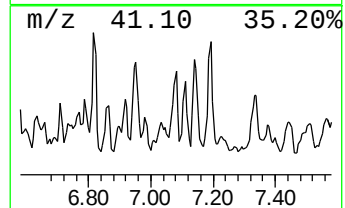
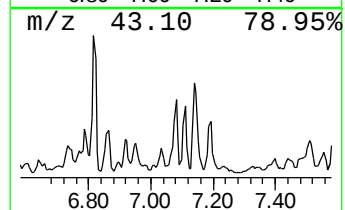
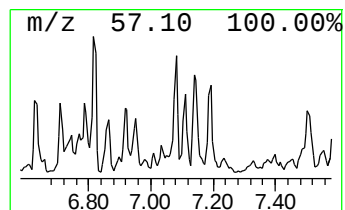
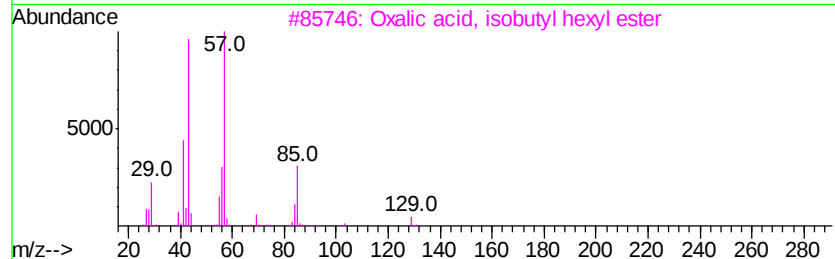
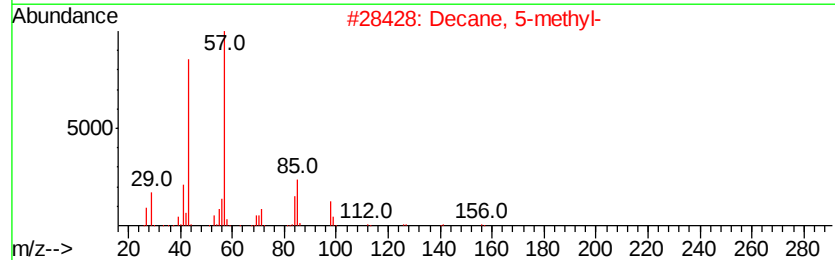
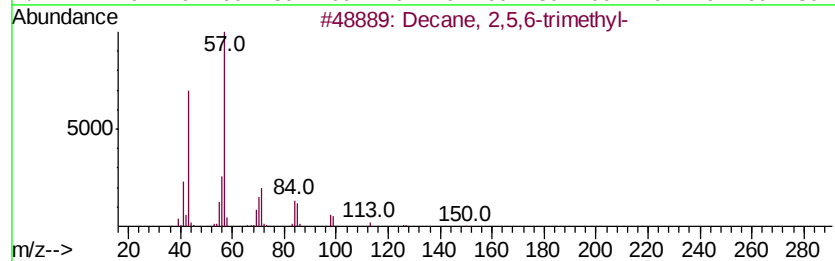
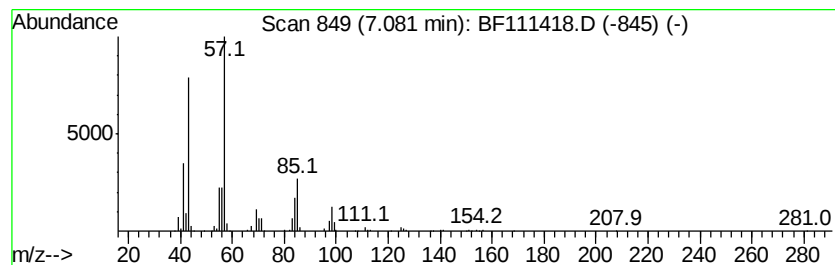
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Decane, 2,5,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	17.32 ng	2107820	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2		Decane, 5-methyl-	156	C11H24	013151-35-4	68
3		Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	64
4		Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	59
5		Heptane, 4-ethyl-	128	C9H20	002216-32-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111418.D
Acq On : 14 Dec 2018 15:00
Operator : JU/SJ
Sample : J6319-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
057_BT-2-1

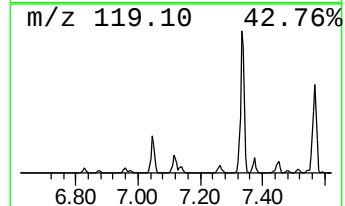
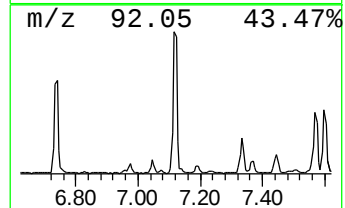
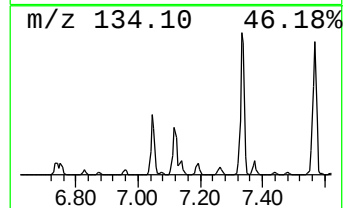
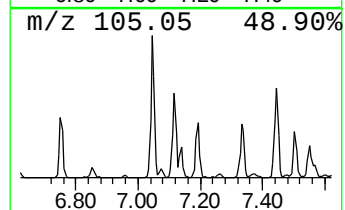
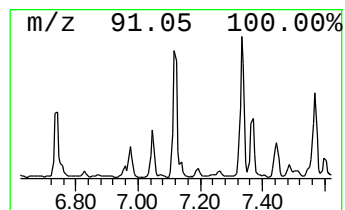
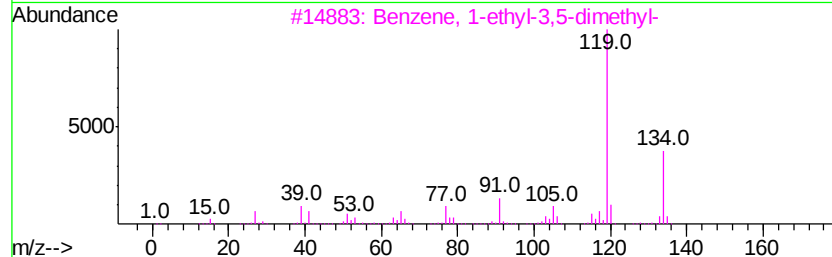
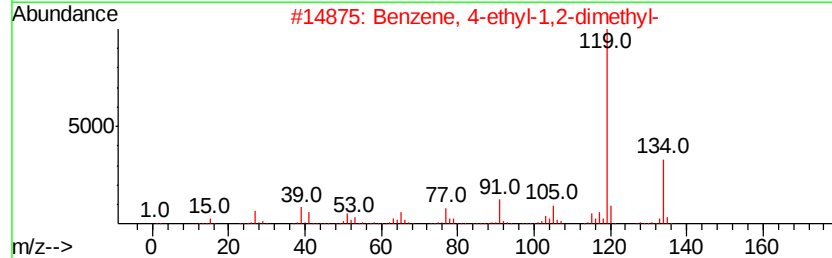
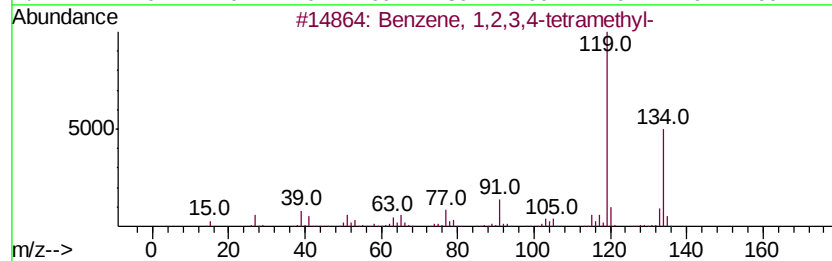
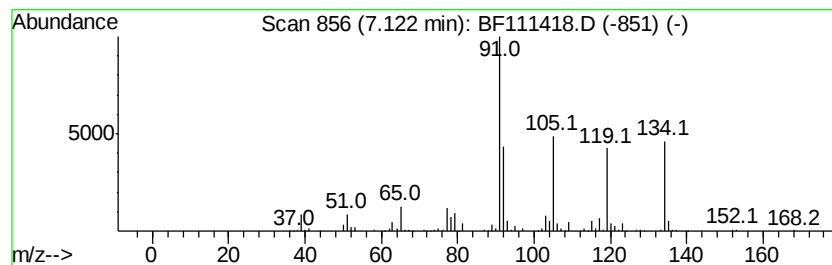
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	21.15 ng	2574740	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5		Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111418.D
Acq On : 14 Dec 2018 15:00
Operator : JU/SJ
Sample : J6319-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
057_BT-2-1

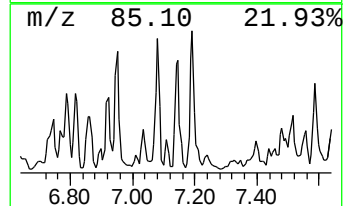
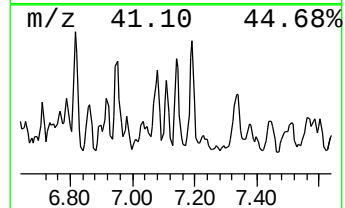
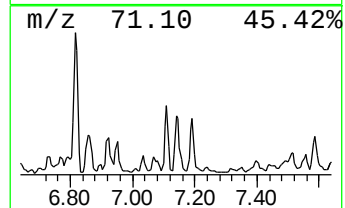
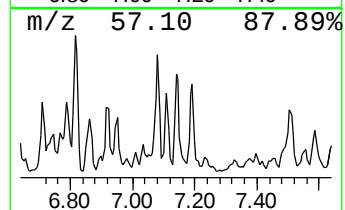
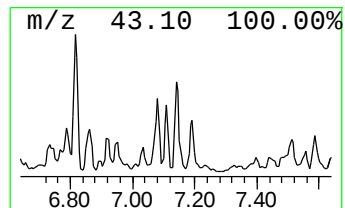
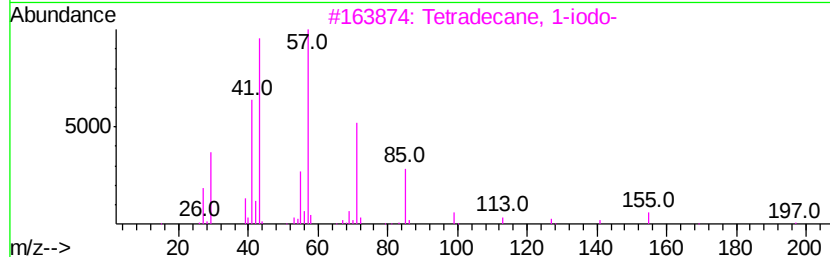
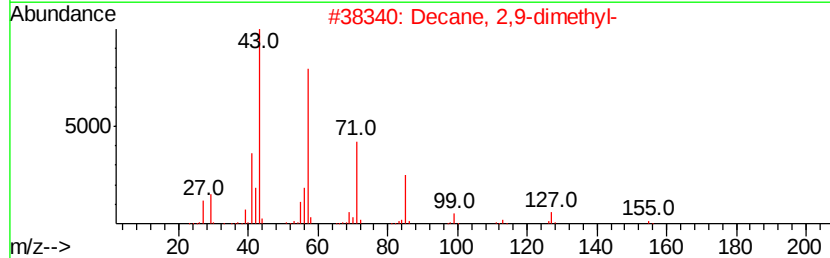
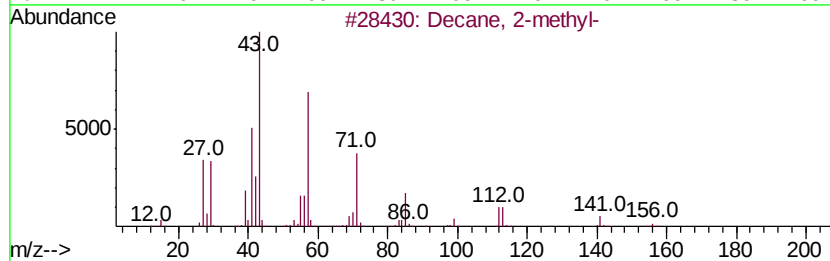
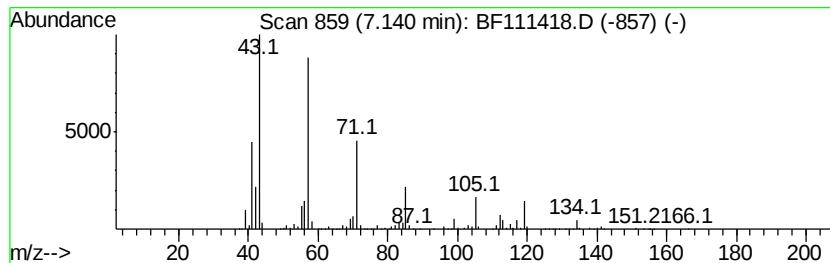
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Decane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	18.51 ng	2253530	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	59
2		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	50
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	50
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111418.D
Acq On : 14 Dec 2018 15:00
Operator : JU/SJ
Sample : J6319-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
057_BT-2-1

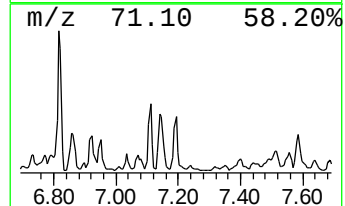
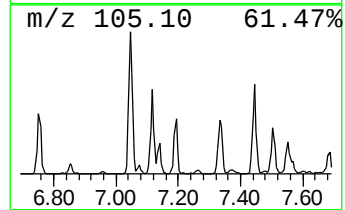
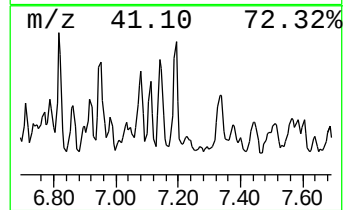
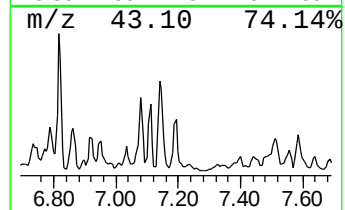
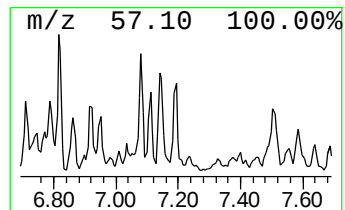
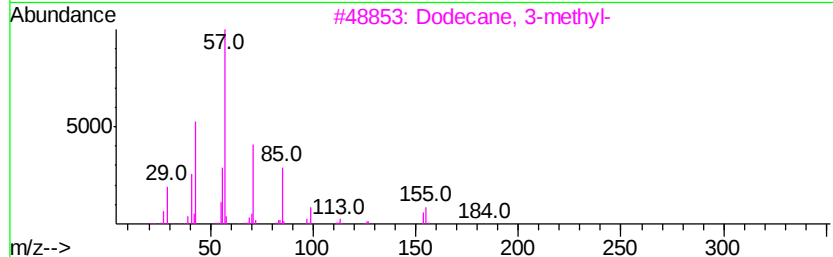
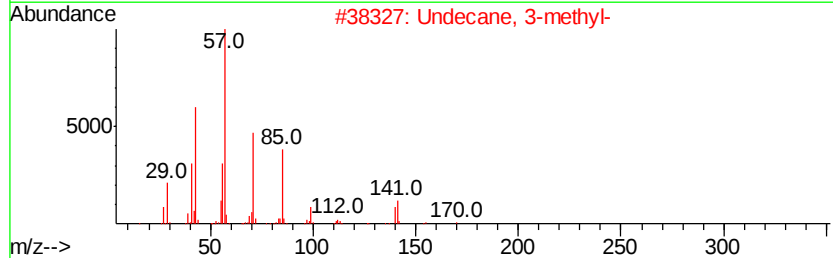
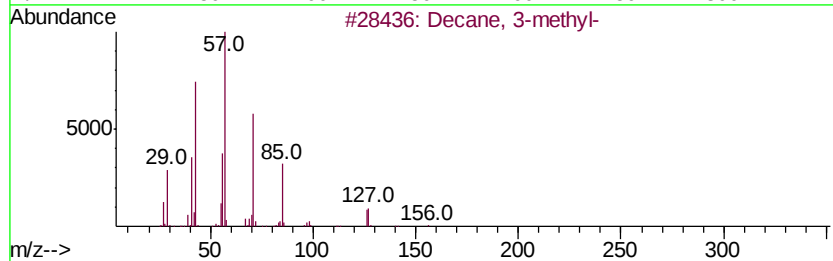
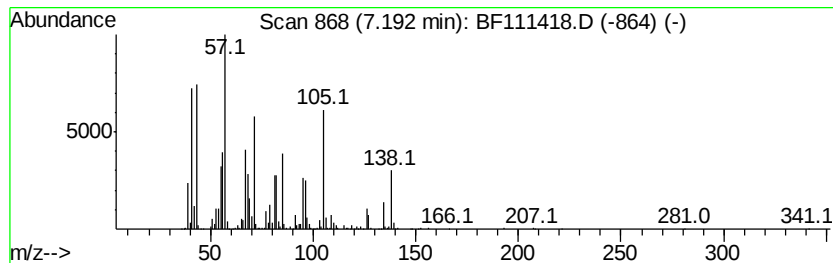
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown7.19 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	22.17 ng	2697980	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	43
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	35
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	35
4		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-01-0	27
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
 Data File : BF111418.D
 Acq On : 14 Dec 2018 15:00
 Operator : JU/SJ
 Sample : J6319-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 057_BT-2-1

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-methyl-	3.82	17.0	ng	2066140	1	6.79	2434390	20.0
Cyclohexane, 1,4-...	4.10	17.3	ng	2099430	1	6.79	2434390	20.0
Cyclohexane, 1,4-...	4.55	17.8	ng	2163580	1	6.79	2434390	20.0
Heptane, 2,5-dime...	4.95	31.8	ng	3870930	1	6.79	2434390	20.0
Cyclohexane, 1,1,...	5.01	17.7	ng	2149330	1	6.79	2434390	20.0
unknown5.21	5.21	22.4	ng	2731490	1	6.79	2434390	20.0
Cyclopentane, 1-m...	5.57	22.7	ng	2768000	1	6.79	2434390	20.0
Cyclohexane, 1-et...	5.66	19.9	ng	2428070	1	6.79	2434390	20.0
1-Ethyl-4-methylc...	5.82	21.6	ng	2632620	1	6.79	2434390	20.0
unknown5.96	5.96	27.9	ng	3400600	1	6.79	2434390	20.0
unknown6.06	6.06	39.6	ng	4817700	1	6.79	2434390	20.0
Octane, 4-ethyl-	6.24	27.0	ng	3288520	1	6.79	2434390	20.0
Nonane, 2-methyl-	6.33	23.1	ng	2817910	1	6.79	2434390	20.0
unknown6.57	6.57	52.5	ng	6390550	1	6.79	2434390	20.0
Benzene, 1,3-diet...	7.05	21.3	ng	2586580	1	6.79	2434390	20.0
Decane, 2,5,6-tri...	7.08	17.3	ng	2107820	1	6.79	2434390	20.0
Benzene, 1,2,3,4-...	7.12	21.1	ng	2574740	1	6.79	2434390	20.0
Decane, 2-methyl-	7.14	18.5	ng	2253530	1	6.79	2434390	20.0
unknown7.19	7.19	22.2	ng	2697980	1	6.79	2434390	20.0