

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
 Data File : BF116343.D
 Acq On : 17 Aug 2019 3:02
 Operator : HP/JU
 Sample : K4391-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-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-BF073019.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	2.951	129	147	156	rVB	136988	369139	11.56%	0.527%
2	3.881	292	305	318	rVV	1652655	2521448	78.95%	3.603%
3	4.004	320	326	330	rVV3	88134	175521	5.50%	0.251%
4	4.140	339	349	353	rBV	469087	703087	22.02%	1.005%
5	4.187	353	357	365	rVB	206024	276391	8.65%	0.395%
6	4.281	365	373	378	rBV3	108359	180945	5.67%	0.259%
7	4.469	399	405	415	rVB2	342214	510555	15.99%	0.730%
8	4.575	415	423	429	rBV	222979	301310	9.43%	0.431%
9	4.775	453	457	460	rBV	194215	211004	6.61%	0.302%
10	4.881	467	475	479	rBV	457753	562873	17.63%	0.804%
11	4.975	484	491	497	rVV3	732791	1499855	46.97%	2.143%
12	5.034	497	501	505	rVV	574728	648327	20.30%	0.926%
13	5.075	505	508	510	rVV	137765	171474	5.37%	0.245%
14	5.234	531	535	538	rBV	858261	888209	27.81%	1.269%
15	5.275	538	542	545	rVB2	173553	257702	8.07%	0.368%
16	5.316	546	549	552	rBV	218297	217829	6.82%	0.311%
17	5.392	558	562	564	rBV	255833	256468	8.03%	0.366%
18	5.416	564	566	568	rVV2	345390	258215	8.09%	0.369%
19	5.445	568	571	579	rVB	2170530	2159934	67.63%	3.086%
20	5.510	579	582	585	rVB	231898	202605	6.34%	0.290%
21	5.592	592	596	600	rBV3	383645	499092	15.63%	0.713%
22	5.634	600	603	606	rVB	799305	702167	21.99%	1.003%
23	5.675	606	610	612	rBV	425297	425124	13.31%	0.607%
24	5.839	632	638	642	rBV3	566910	951452	29.79%	1.360%
25	5.892	642	647	655	rVV2	527600	950580	29.77%	1.358%
26	5.975	655	661	665	rVV2	924346	1235883	38.70%	1.766%
27	6.022	665	669	671	rVV	459503	483377	15.14%	0.691%
28	6.069	671	677	683	rVV3	1639808	2260450	70.78%	3.230%
29	6.122	683	686	689	rVV	690147	753739	23.60%	1.077%
30	6.151	689	691	695	rVV2	281233	434328	13.60%	0.621%
31	6.181	695	696	699	rVV	200802	190629	5.97%	0.272%
32	6.257	703	709	712	rBV	982906	1154110	36.14%	1.649%
33	6.298	712	716	717	rVV2	559470	550835	17.25%	0.787%
34	6.316	717	719	722	rVV	964675	870206	27.25%	1.243%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.351	722	725	727 rVV	983635	1020255	31.95%	1.458%
36	6.375	727	729	732 rVV2	399154	430775	13.49%	0.616%
37	6.410	732	735	740 rVV2	737630	1000529	31.33%	1.430%
38	6.463	740	744	747 rVV	2487586	2863495	89.67%	4.092%
39	6.516	751	753	756 rVV	226241	258056	8.08%	0.369%
40	6.557	756	760	763 rVV	584398	808932	25.33%	1.156%
41	6.592	763	766	772 rVV	3163560	3193544	100.00%	4.563%
42	6.639	772	774	778 rVV2	493200	659243	20.64%	0.942%
43	6.675	778	780	782 rVV2	260730	241590	7.56%	0.345%
44	6.704	782	785	787 rVV	151724	184547	5.78%	0.264%
45	6.757	787	794	796 rVV5	259760	582620	18.24%	0.833%
46	6.781	796	798	800 rVV	268346	323422	10.13%	0.462%
47	6.816	800	804	810 rVV2	1069077	1861869	58.30%	2.661%
48	6.875	810	814	817 rVV	585158	646428	20.24%	0.924%
49	6.910	817	820	821 rVV	198828	203807	6.38%	0.291%
50	6.933	821	824	826 rVV	348318	401409	12.57%	0.574%
51	6.975	826	831	834 rVV2	2477782	2864742	89.70%	4.094%
52	7.045	840	843	845 rVV	258596	277348	8.68%	0.396%
53	7.092	845	851	853 rVV	630383	747522	23.41%	1.068%
54	7.122	853	856	859 rVV2	473496	523305	16.39%	0.748%
55	7.151	859	861	866 rVV2	487100	561105	17.57%	0.802%
56	7.204	866	870	874 rVV2	580346	682795	21.38%	0.976%
57	7.351	889	895	897 rVV2	455884	554853	17.37%	0.793%
58	7.381	897	900	909 rVV	1854704	2088899	65.41%	2.985%
59	7.463	909	914	917 rVV4	251119	397074	12.43%	0.567%
60	7.522	917	924	927 rVV5	183407	403191	12.63%	0.576%
61	7.592	933	936	938 rVV2	246734	289831	9.08%	0.414%
62	7.616	938	940	943 rVV2	241427	246318	7.71%	0.352%
63	7.716	950	957	959 rVV2	222423	371426	11.63%	0.531%
64	7.733	959	960	964 rVV4	173977	192346	6.02%	0.275%
65	7.780	964	968	970 rVV2	234080	300712	9.42%	0.430%
66	7.839	975	978	984 rVV2	220338	330037	10.33%	0.472%
67	8.098	1016	1022	1025 rVV	1207648	1307842	40.95%	1.869%
68	8.157	1028	1032	1034 rVV	388939	383787	12.02%	0.548%
69	8.186	1034	1037	1044 rVB7	125139	203889	6.38%	0.291%
70	8.386	1063	1071	1077 rBV4	238067	396279	12.41%	0.566%
71	8.516	1089	1093	1095 rBV	351495	298286	9.34%	0.426%

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72	8.810	1141	1143	1147	rBV	460901	371907	11.65%	0.531%
73	8.910	1156	1160	1163	rBV	250203	246290	7.71%	0.352%
74	9.116	1192	1195	1200	rVB	319082	279932	8.77%	0.400%
75	9.169	1200	1204	1207	rBV	3286897	2820574	88.32%	4.031%
76	9.257	1214	1219	1222	rBV4	115785	178404	5.59%	0.255%
77	9.369	1235	1238	1243	rVB	165656	176573	5.53%	0.252%
78	9.439	1246	1250	1255	rBV	361693	478290	14.98%	0.683%
79	9.510	1258	1262	1264	rVV	468570	523211	16.38%	0.748%
80	9.533	1264	1266	1268	rVV	298070	282458	8.84%	0.404%
81	9.569	1268	1272	1275	rVV2	633494	663737	20.78%	0.948%
82	9.627	1279	1282	1288	rVB2	209455	226864	7.10%	0.324%
83	9.845	1316	1319	1323	rVV	1235715	1202518	37.65%	1.718%
84	9.951	1334	1337	1342	rBV	209210	257994	8.08%	0.369%
85	10.051	1349	1354	1358	rVB3	233927	288070	9.02%	0.412%
86	10.092	1358	1361	1370	rVB3	316180	473647	14.83%	0.677%
87	10.163	1370	1373	1376	rBV	169135	185050	5.79%	0.264%
88	10.492	1425	1429	1434	rVB2	326289	376062	11.78%	0.537%
89	10.639	1451	1454	1464	rBV	1700586	1713415	53.65%	2.448%
90	10.757	1470	1474	1477	rBV	593351	579204	18.14%	0.828%
91	11.221	1550	1553	1558	rVB2	246566	265488	8.31%	0.379%
92	11.333	1569	1572	1575	rBV	1211237	1113474	34.87%	1.591%
93	11.357	1575	1576	1581	rVB	221397	194382	6.09%	0.278%
94	12.551	1776	1779	1782	rBV	284256	243515	7.63%	0.348%
95	12.780	1812	1818	1824	rBV	252538	302863	9.48%	0.433%
96	12.910	1836	1840	1844	rBV	2253390	2228940	69.80%	3.185%
97	13.804	1989	1992	2004	rVB5	104974	227104	7.11%	0.325%
98	13.974	2017	2021	2025	rBV	869875	925920	28.99%	1.323%
99	14.792	2157	2160	2165	rVB	230298	229777	7.20%	0.328%
100	15.433	2263	2269	2282	rVB	637698	988091	30.94%	1.412%

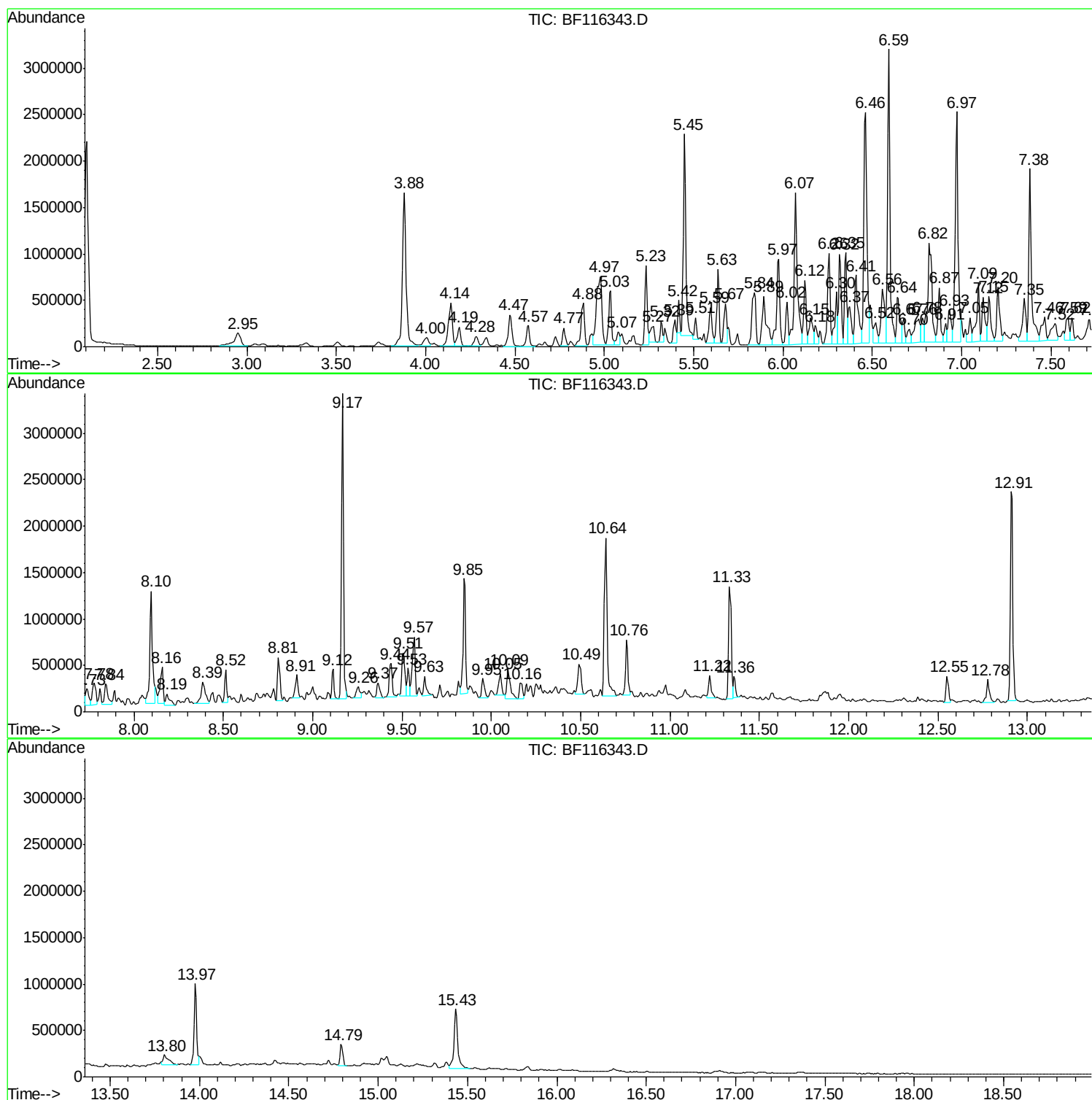
Sum of corrected areas: 69980725

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.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 :
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BOTTOM-1

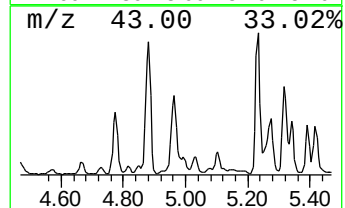
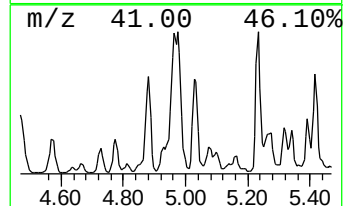
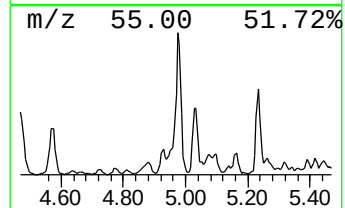
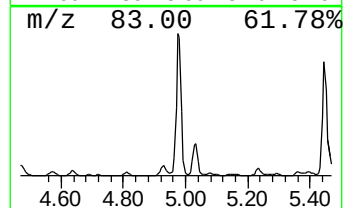
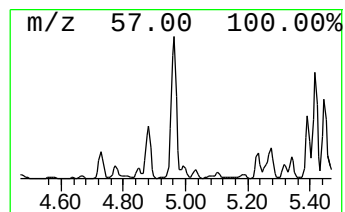
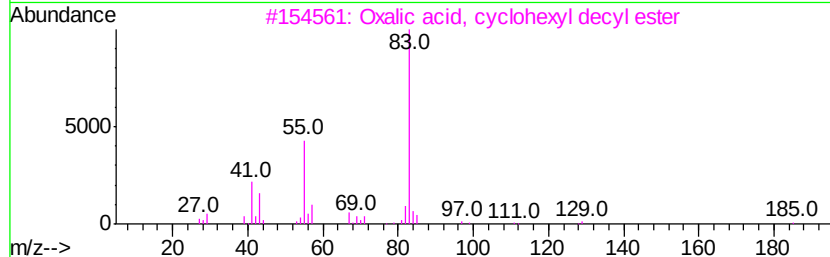
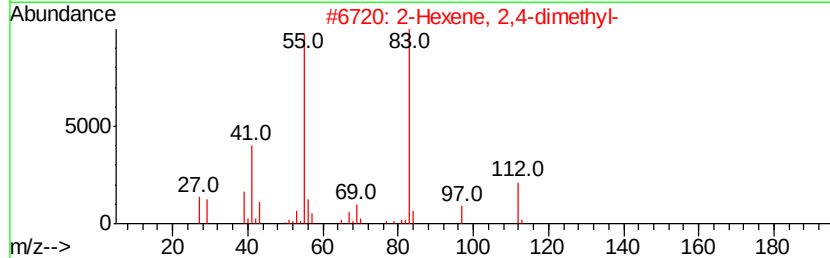
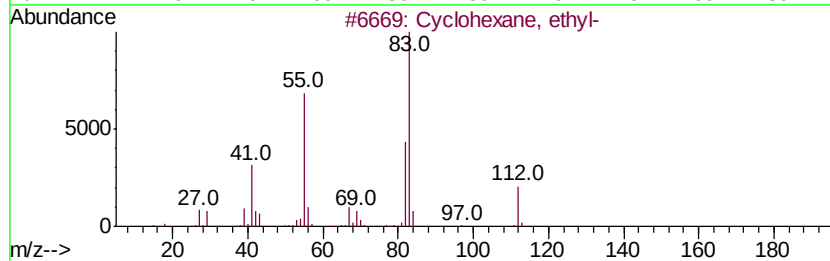
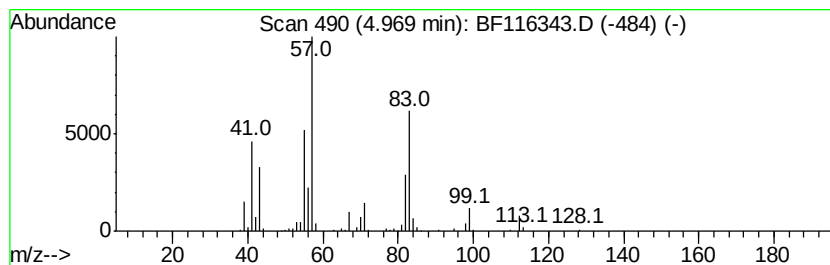
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclohexane, ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	16.11 ng	1499860	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2		2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	58
3		Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	53
4		3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	53
5		Oxalic acid, cyclohexyl undecyl ...	326	C19H34O4	1000309-31-3	53



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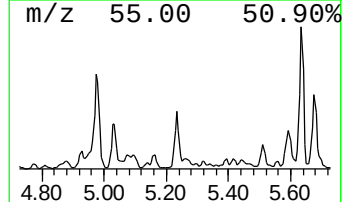
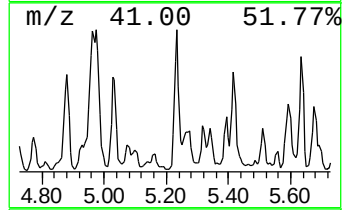
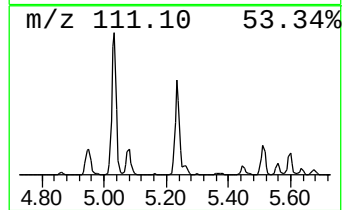
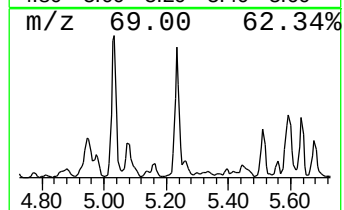
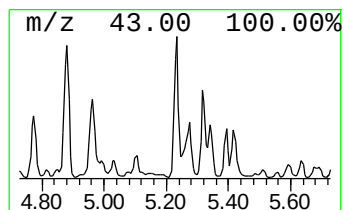
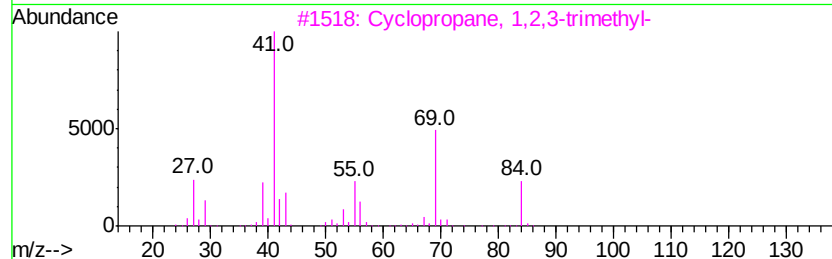
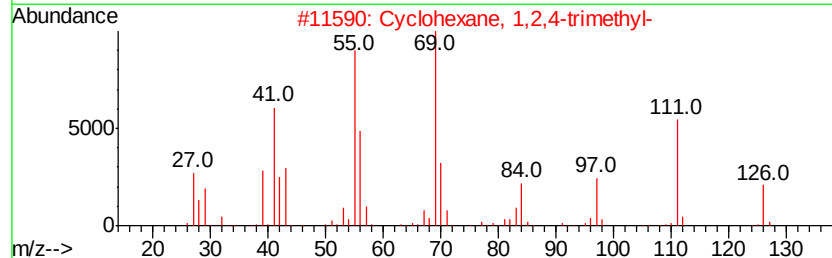
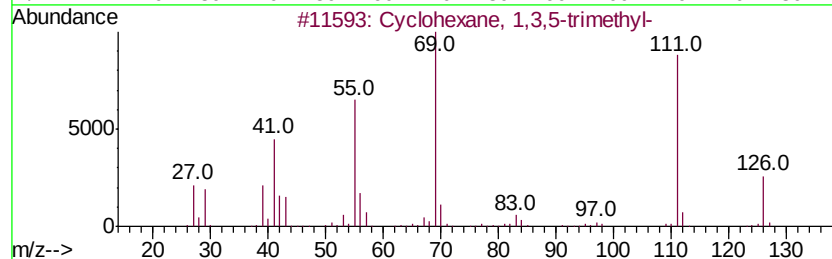
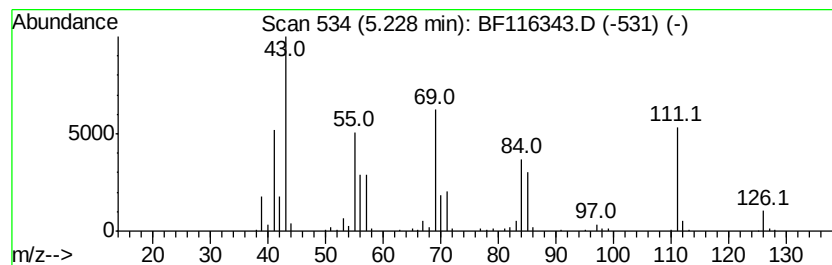
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1,3,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	9.54 ng	888209	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
3		Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	38
4		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	38
5		2-Pentene, 2-methyl-	84	C6H12	000625-27-4	35



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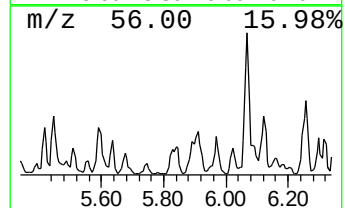
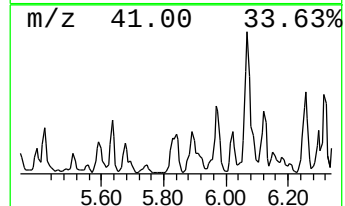
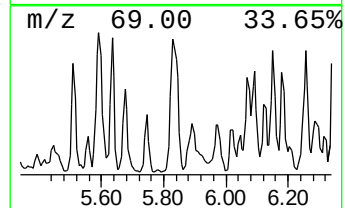
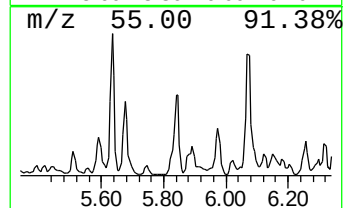
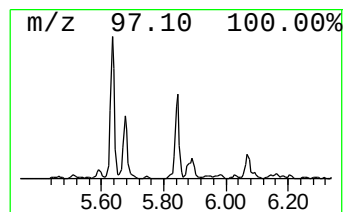
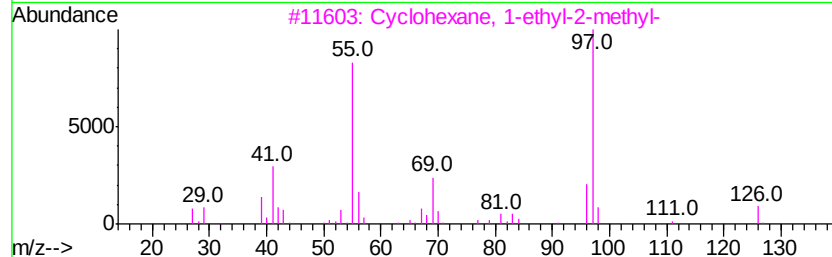
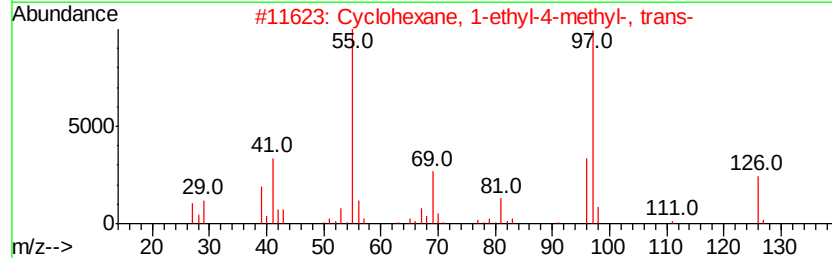
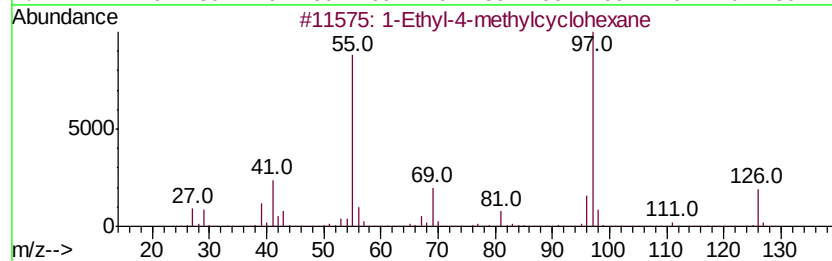
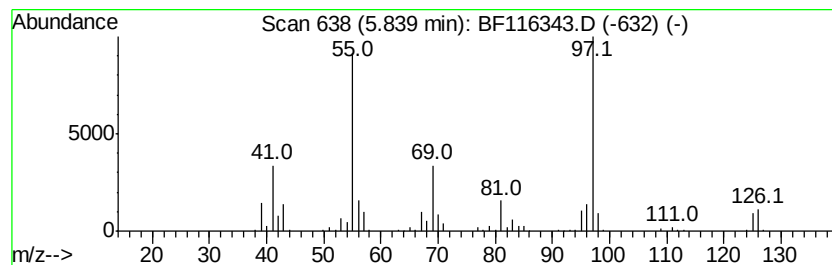
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Peak Number 4 1-Ethyl-4-methylcyclohexane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	10.22 ng	951452	1,4-Dichlorobenzene-d4	6.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Ethyl-4-methylcyclohexane	126 C9H18	003728-56-1 80
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	006236-88-0 76
3		Cyclohexane, 1-ethyl-2-methyl-	126 C9H18	003728-54-9 76
4		cis-1-Ethyl-3-methyl-cyclohexane	126 C9H18	019489-10-2 74
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	004926-78-7 68



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Data File : BF116343.D
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Operator : HP/JU
Sample : K4391-04
Misc :
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Instrument :
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ClientSampleId :
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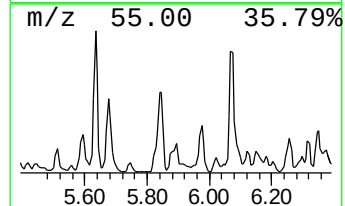
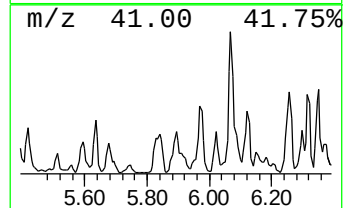
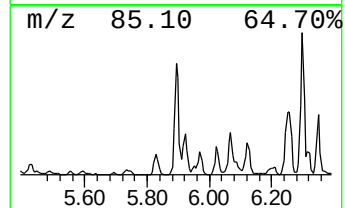
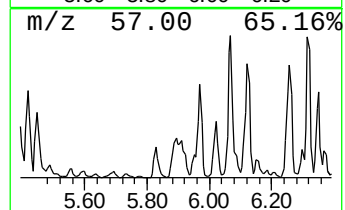
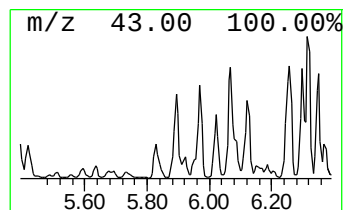
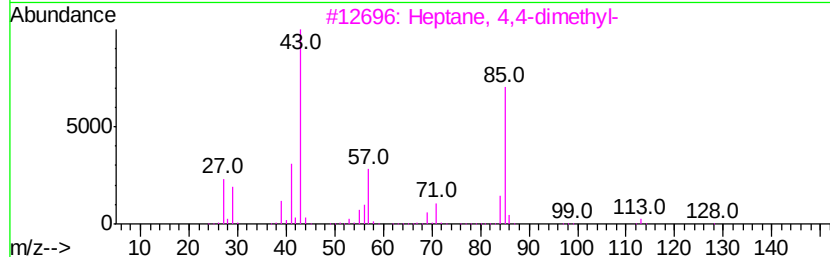
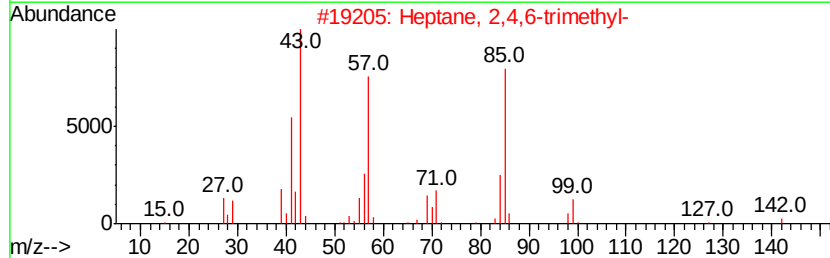
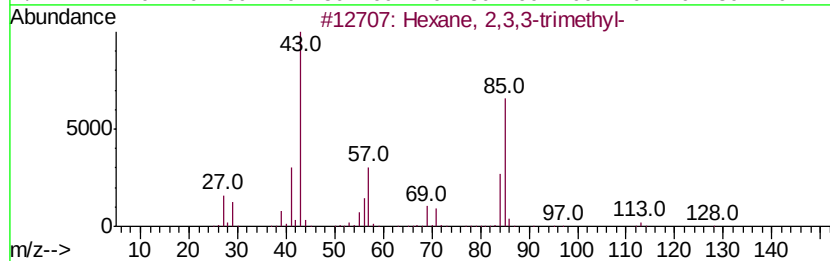
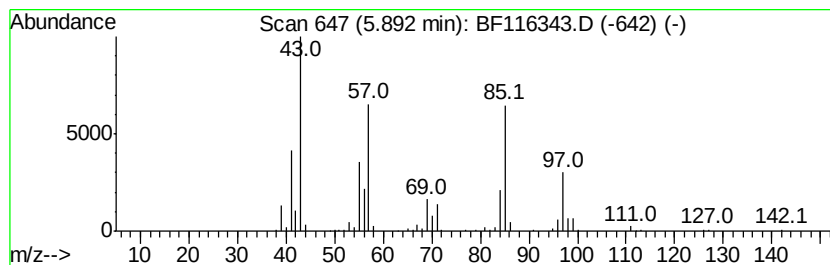
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexane, 2,3,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	10.21 ng	950580	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
2		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	59
3		Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	50
4		Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	50
5		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116343.D
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ClientSampleId :
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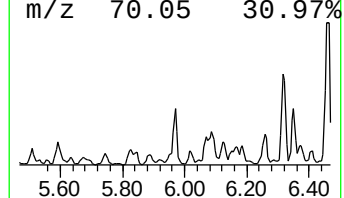
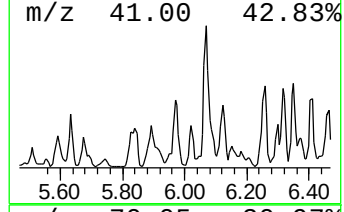
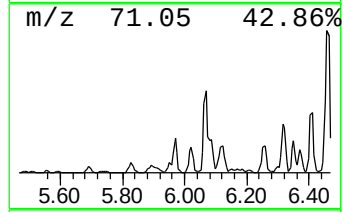
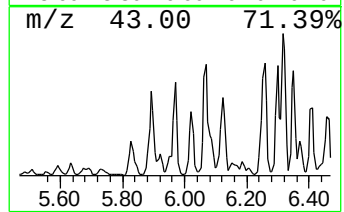
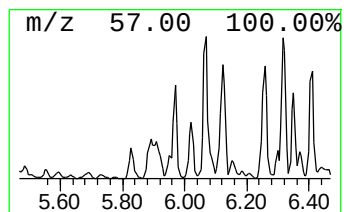
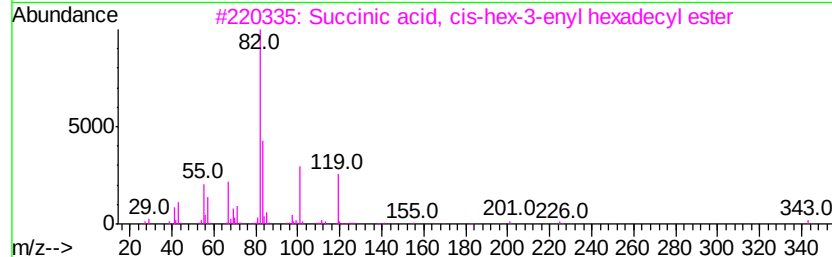
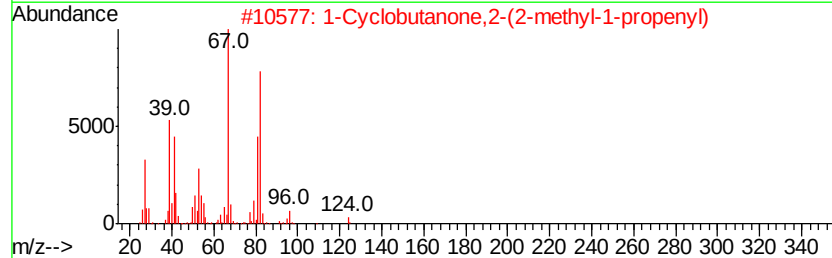
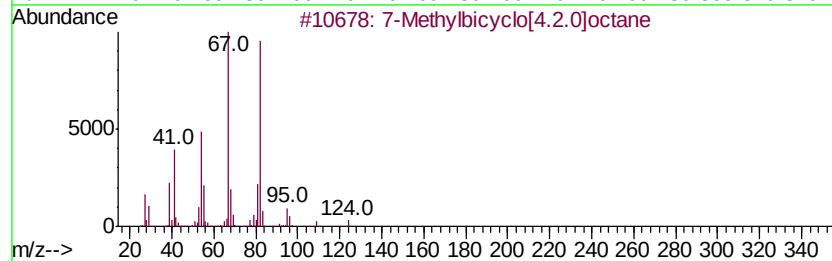
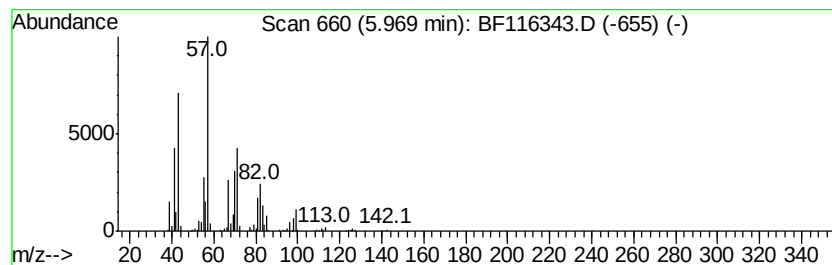
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown5.97 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	13.28 ng	1235880	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	45
2		1-Cyclobutanone,2-(2-methyl-1-propenyl)	124	C8H12O	091531-45-2	43
3		Succinic acid, cis-hex-3-enyl he...	424	C26H48O4	1000353-41-8	43
4		Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	38
5		3-Aminocrotononitrile	82	C4H6N2	001118-61-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116343.D
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 Sample : K4391-04
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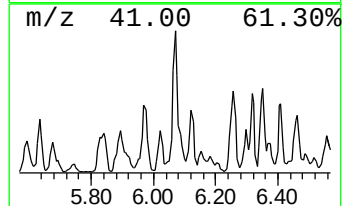
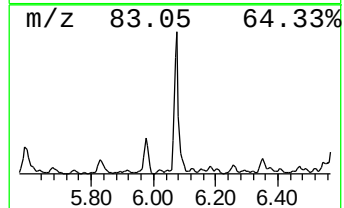
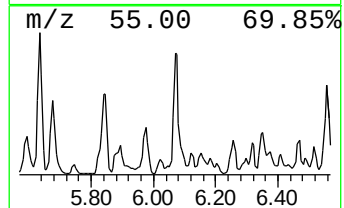
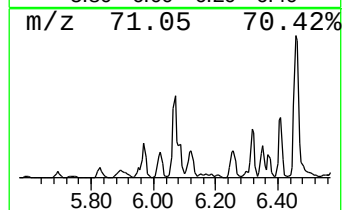
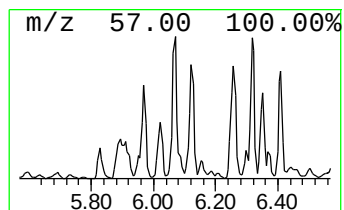
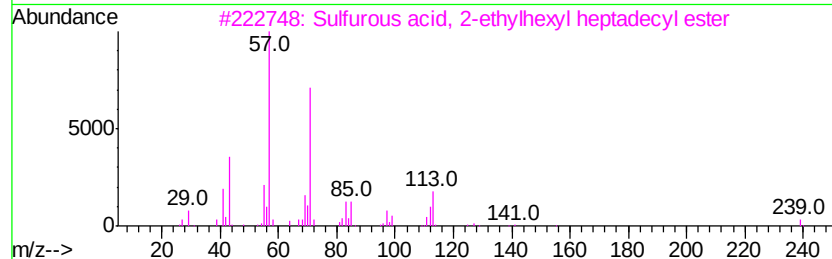
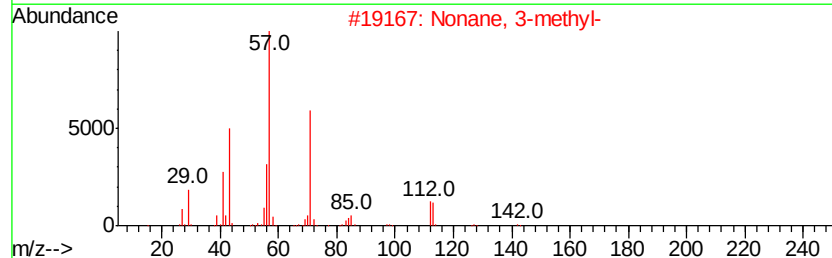
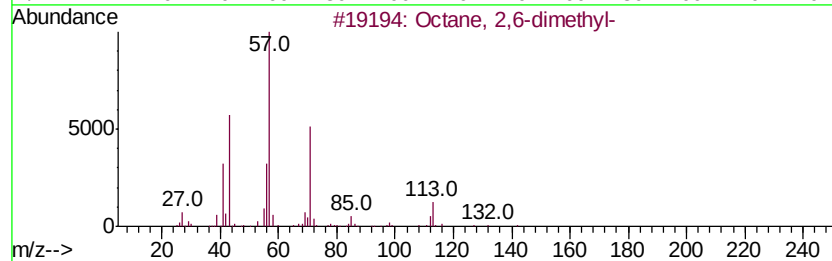
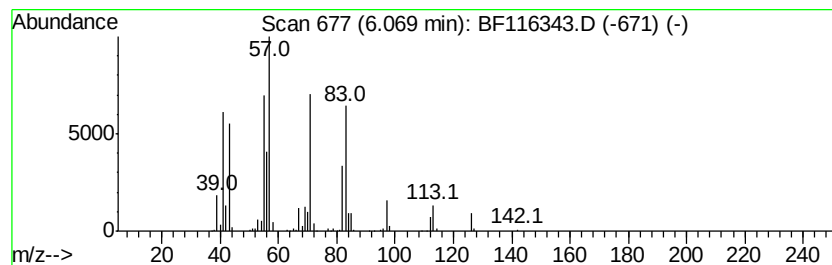
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	24.28 ng	2260450	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	55
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
3		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	38
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	35
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116343.D
Acq On : 17 Aug 2019 3:02
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Misc :
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Instrument :
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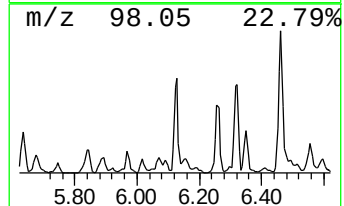
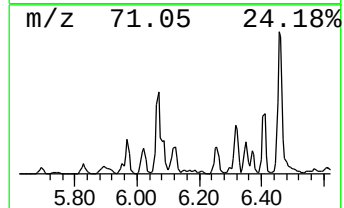
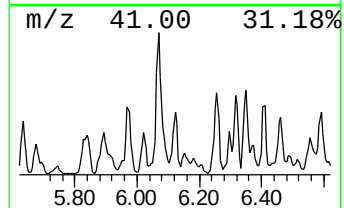
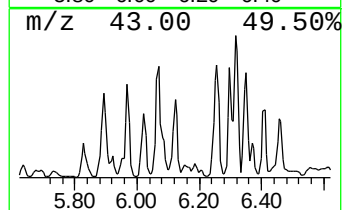
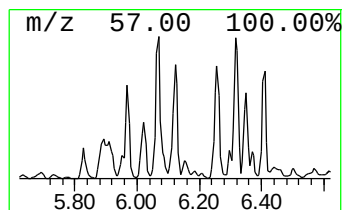
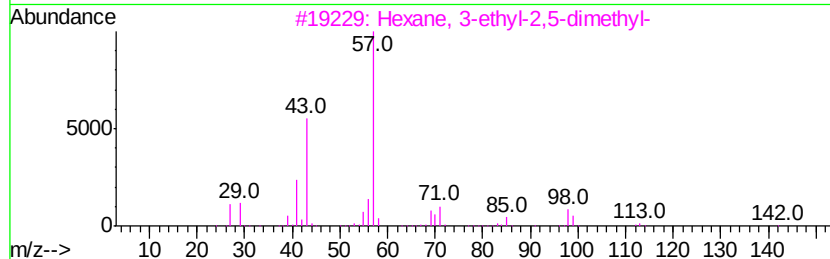
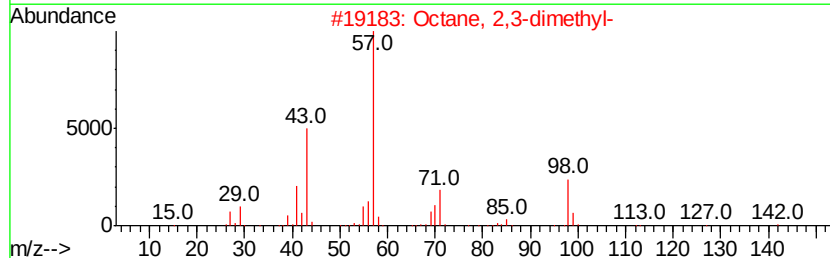
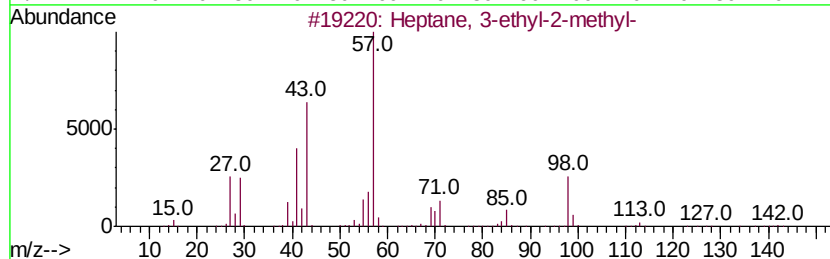
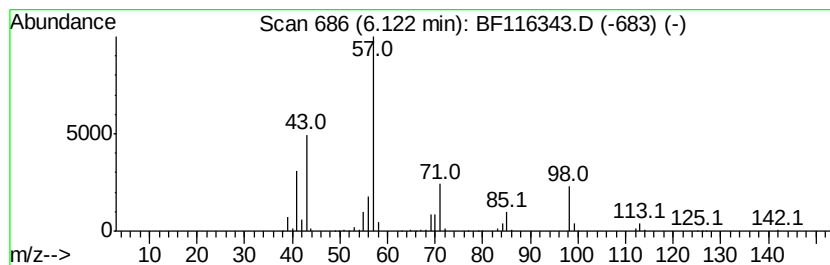
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptane, 3-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	8.10 ng	753739	1,4-Dichlorobenzene-d4	6.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	74	
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	62	
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59	
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	47	
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	47	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116343.D
Acq On : 17 Aug 2019 3:02
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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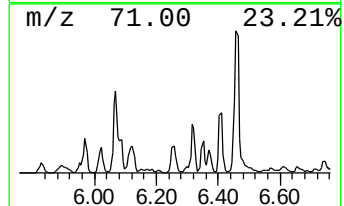
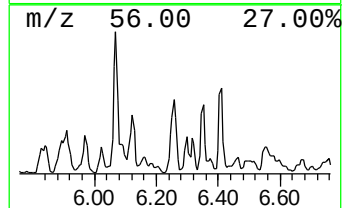
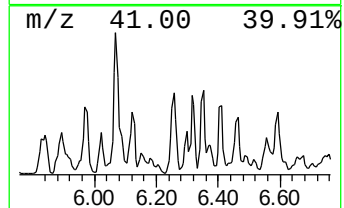
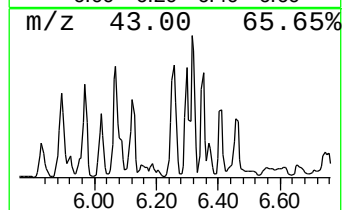
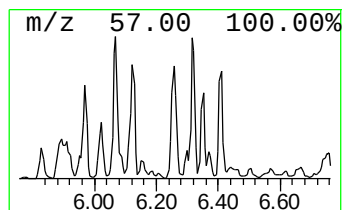
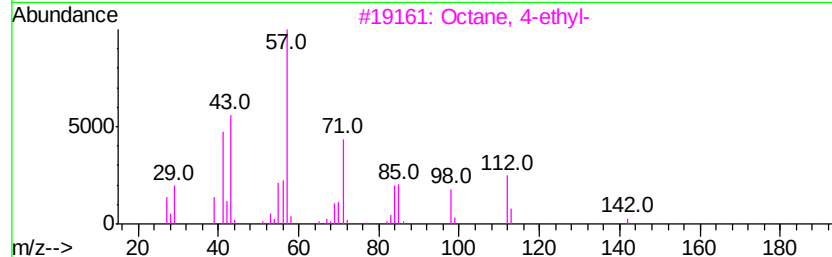
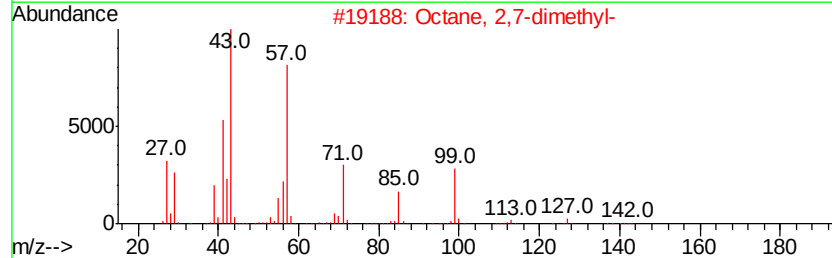
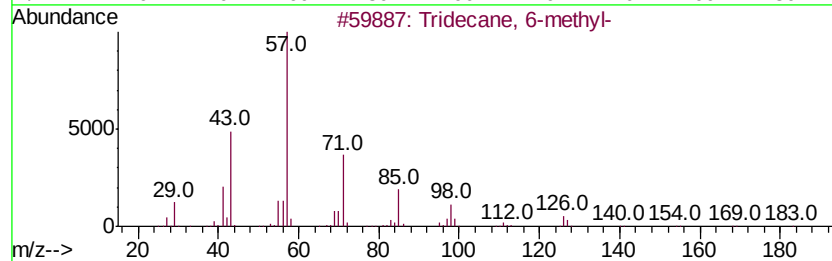
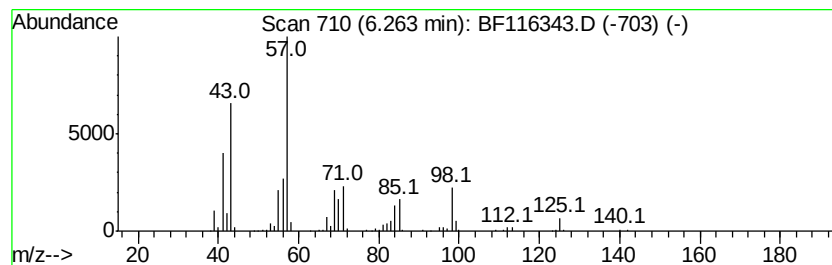
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	12.40 ng	1154110	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
2		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	53
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	50
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
5		Decane	142	C10H22	000124-18-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116343.D
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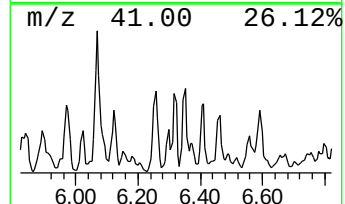
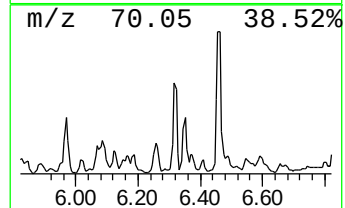
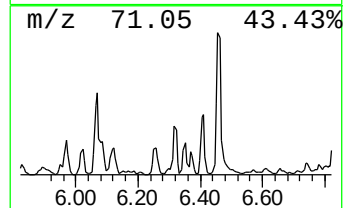
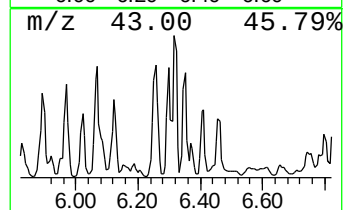
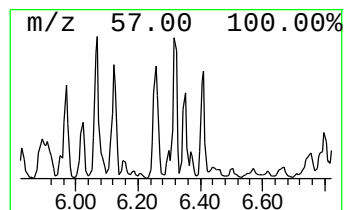
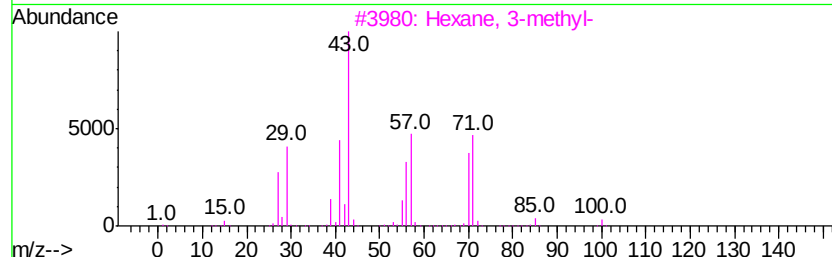
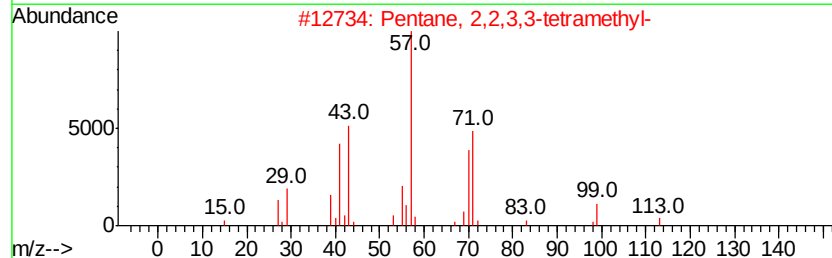
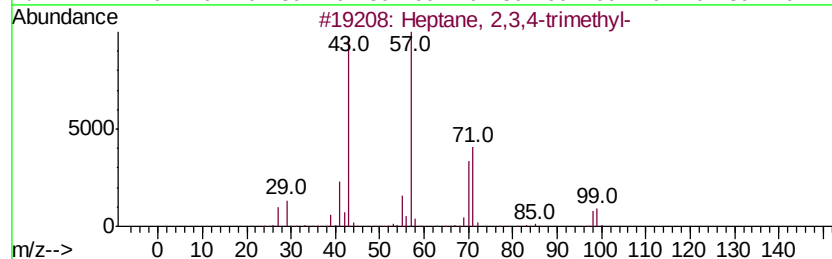
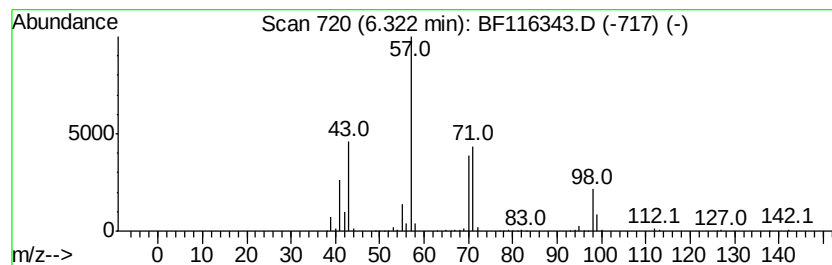
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptane, 2,3,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	9.35 ng	870206	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	53
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5		Nonane, 2-methyl-	142	C10H22	000871-83-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116343.D
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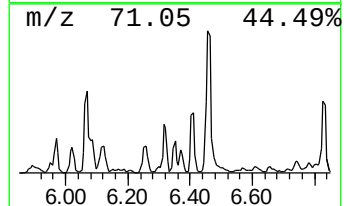
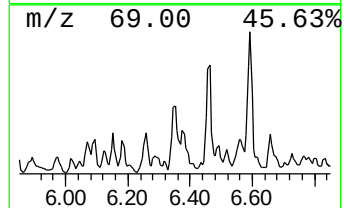
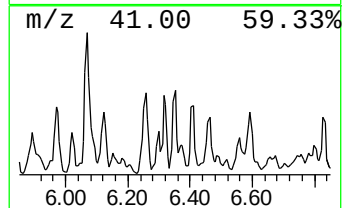
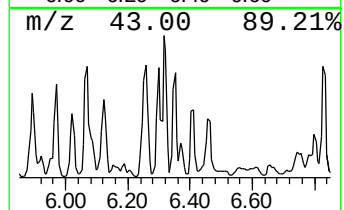
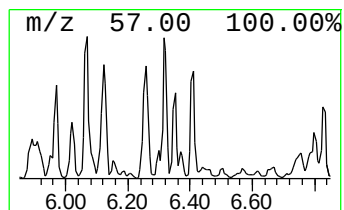
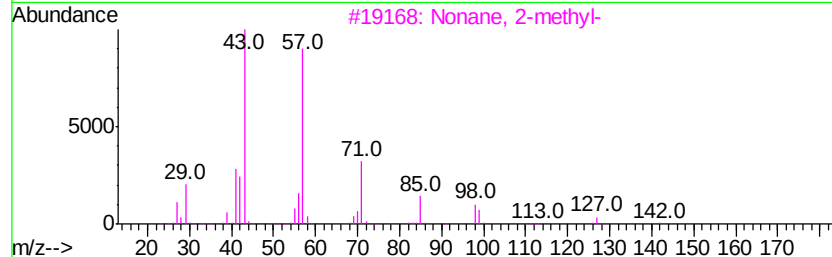
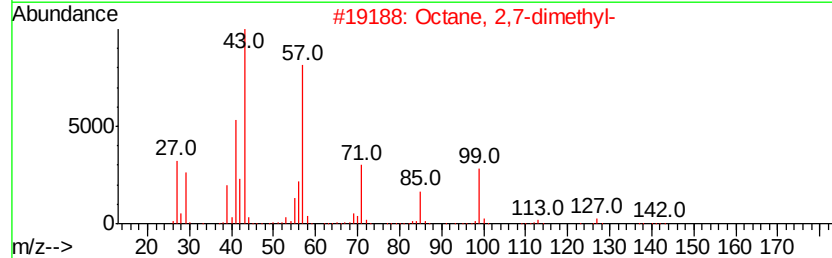
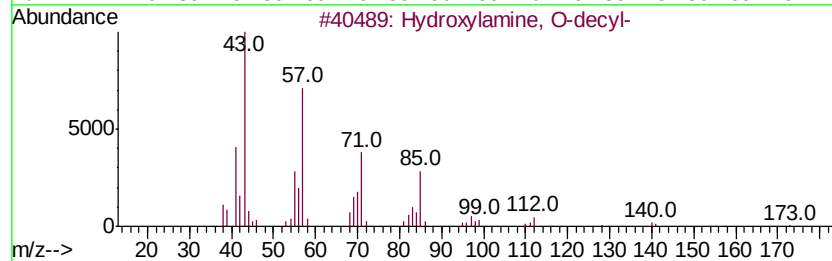
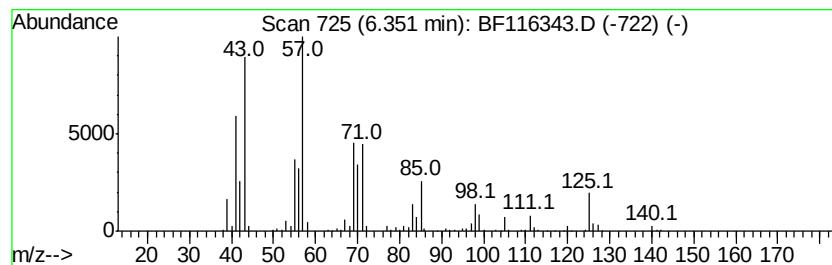
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hydroxylamine, O-decyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	10.96 ng	1020260	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	53
2		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	52
3		Nonane, 2-methyl-	142	C10H22	000871-83-0	43
4		1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	38
5		Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116343.D
Acq On : 17 Aug 2019 3:02
Operator : HP/JU
Sample : K4391-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

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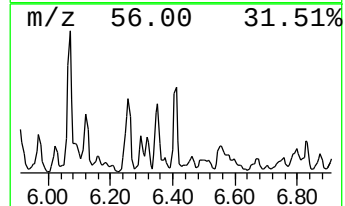
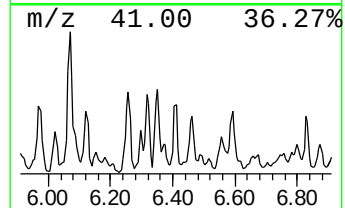
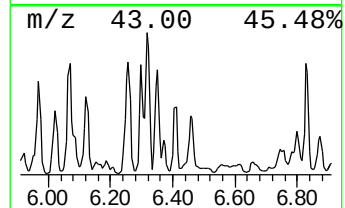
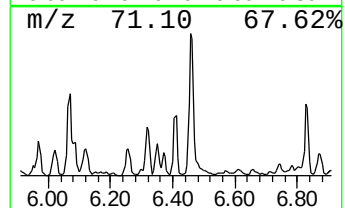
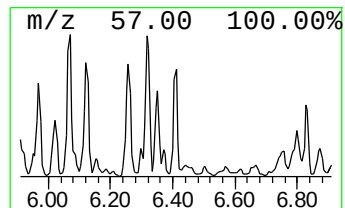
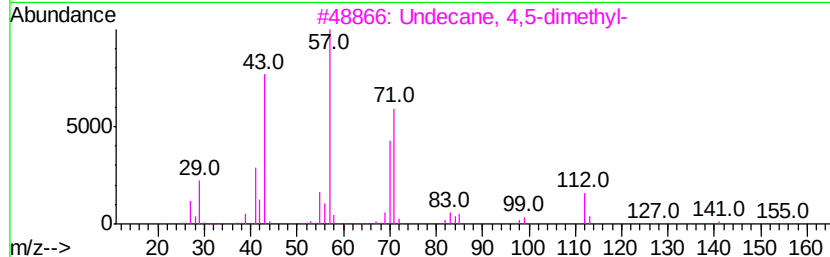
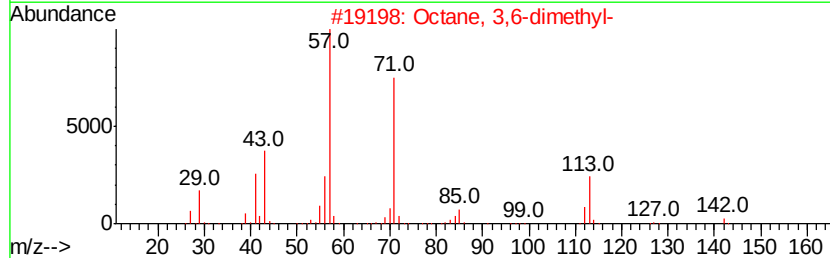
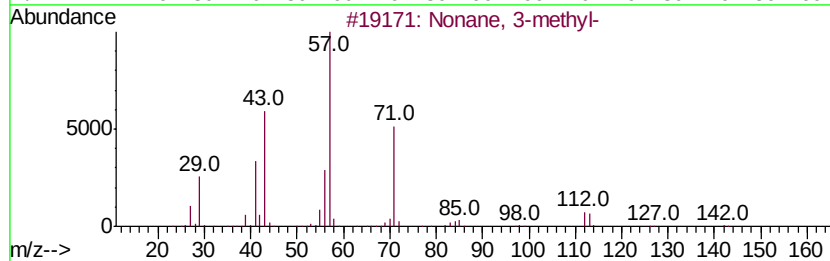
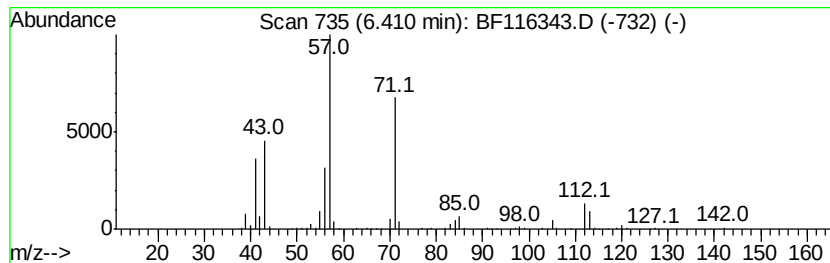
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	10.75 ng	1000530	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
4		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116343.D
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Misc :
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ClientSampleId :
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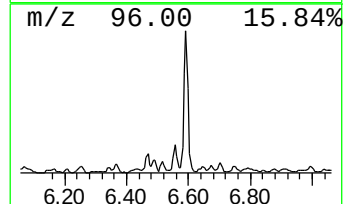
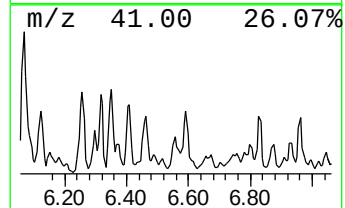
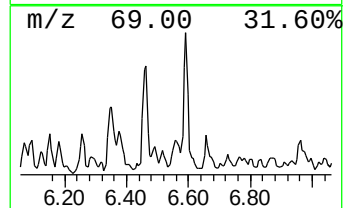
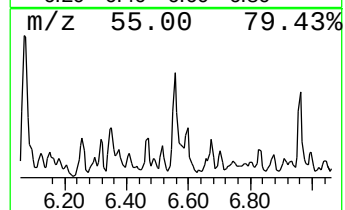
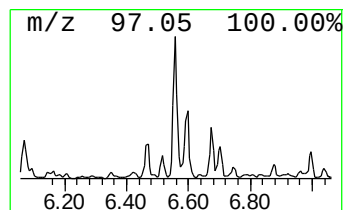
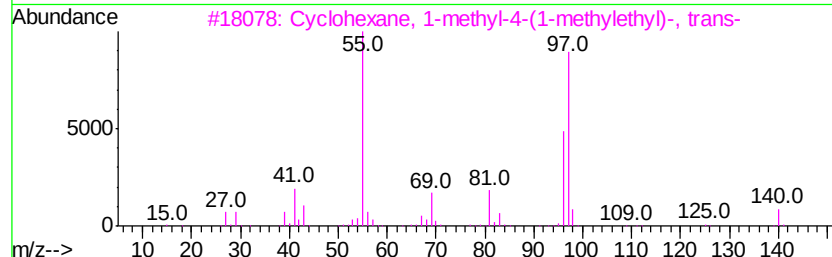
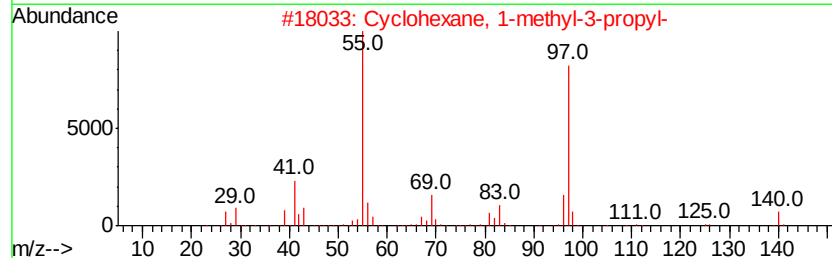
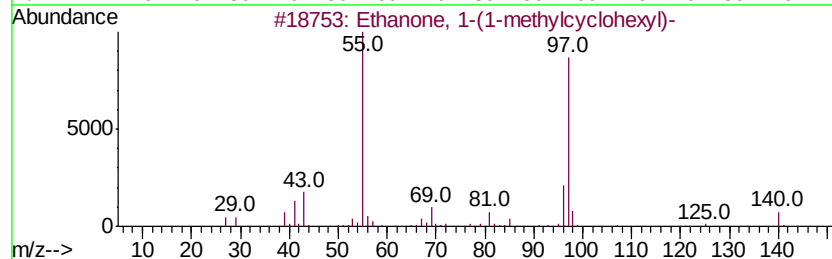
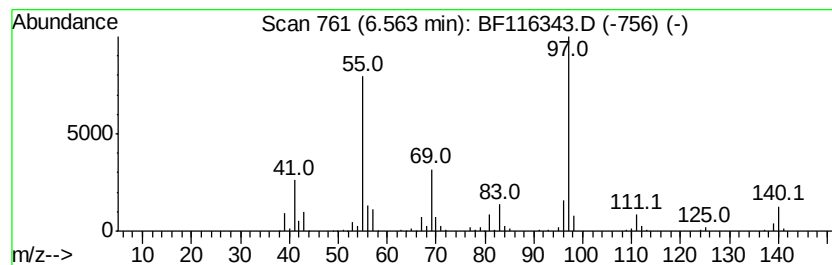
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	8.69 ng	808932	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	87
2		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	87
3		Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	001678-82-6	83
4		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	83
5		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116343.D
Acq On : 17 Aug 2019 3:02
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Sample : K4391-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

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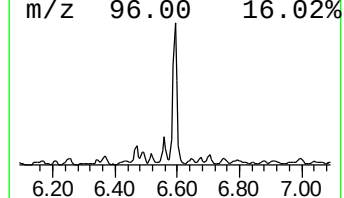
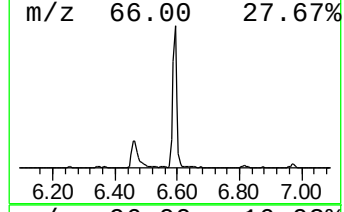
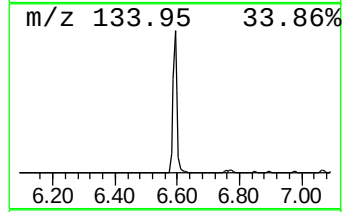
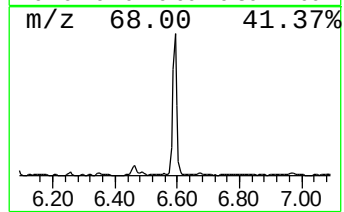
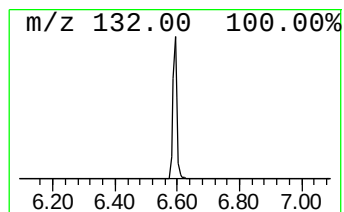
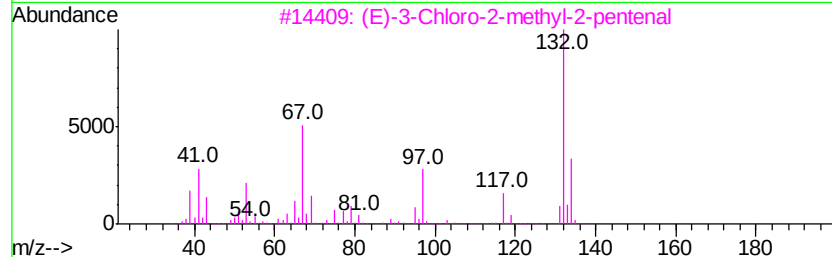
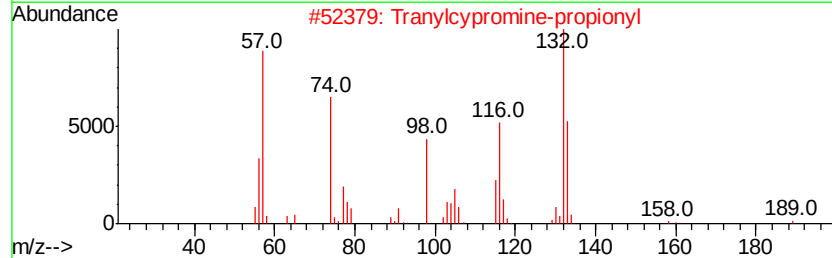
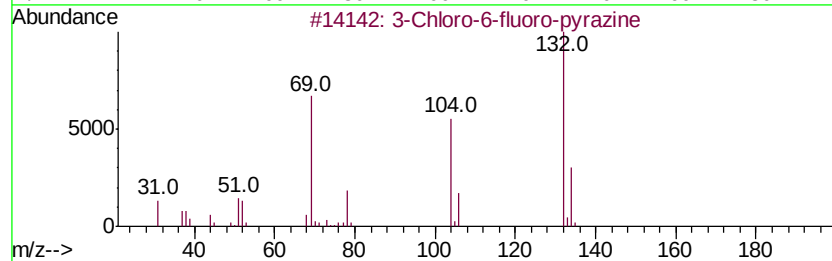
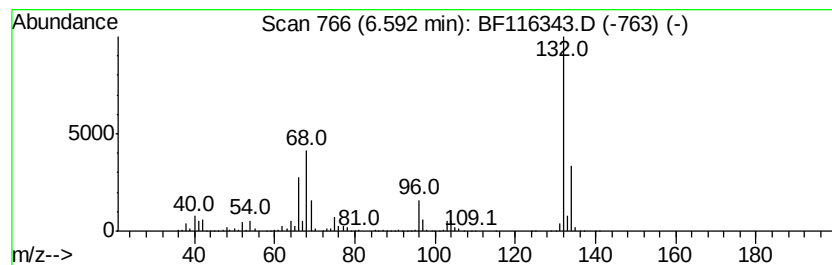
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	34.30 ng	3193540	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl			189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene, ...			132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-			132	C10H12	005379-20-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116343.D
Acq On : 17 Aug 2019 3:02
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Sample : K4391-04
Misc :
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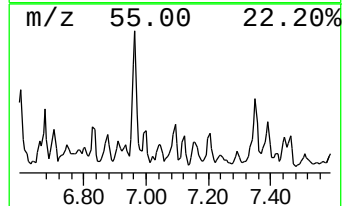
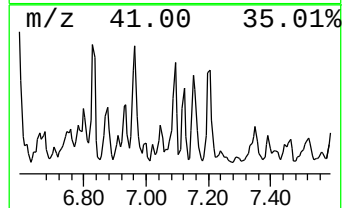
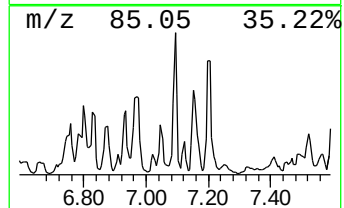
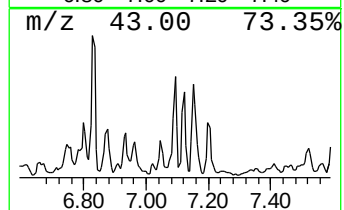
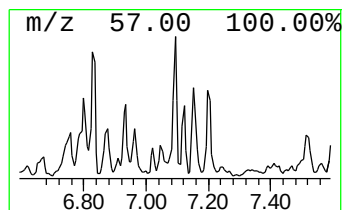
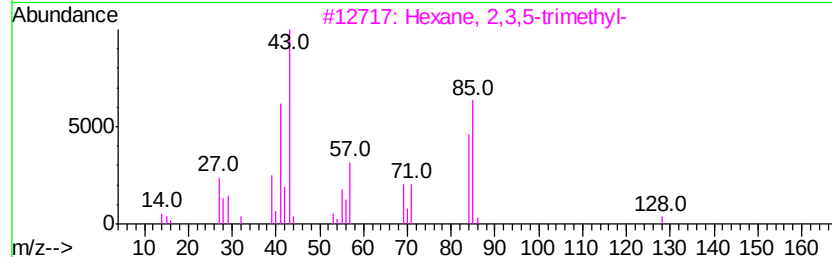
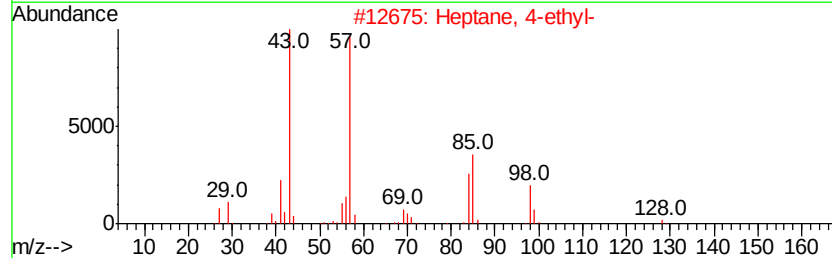
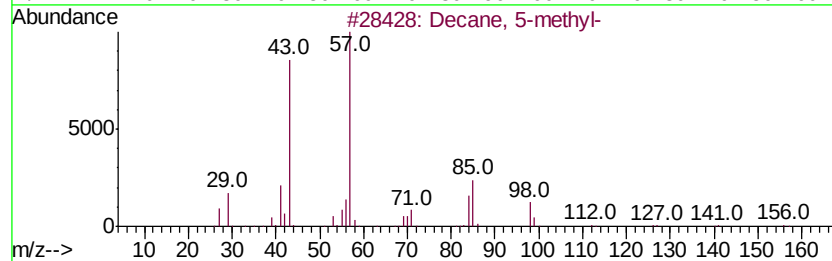
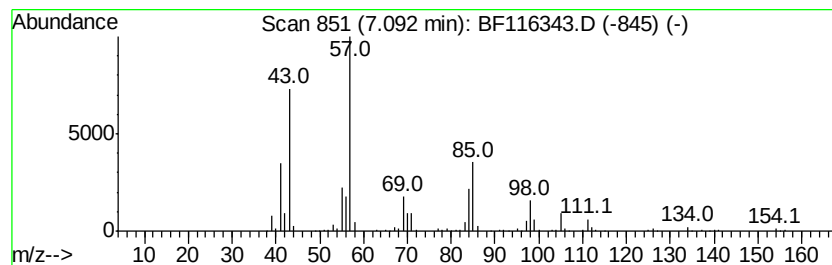
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decane, 5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	8.03 ng	747522	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	58
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
3			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43
4			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	43
5			Hexane, 3-ethyl-	114	C8H18	000619-99-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116343.D
Acq On : 17 Aug 2019 3:02
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

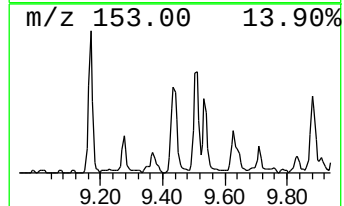
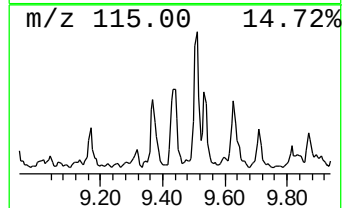
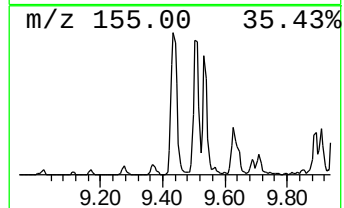
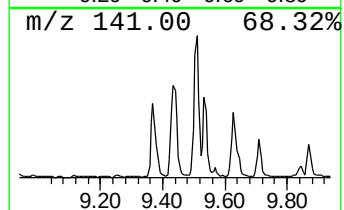
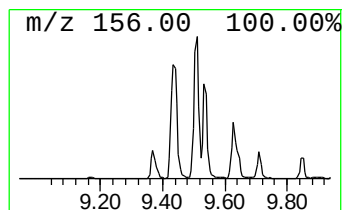
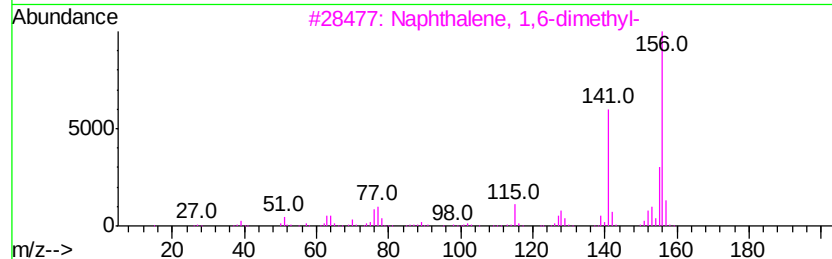
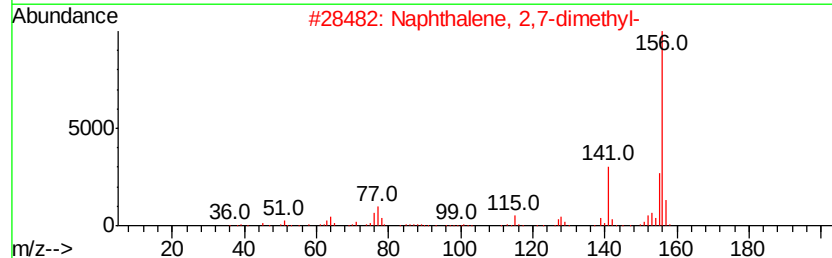
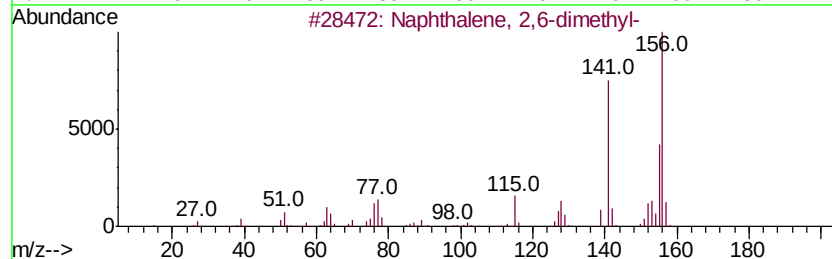
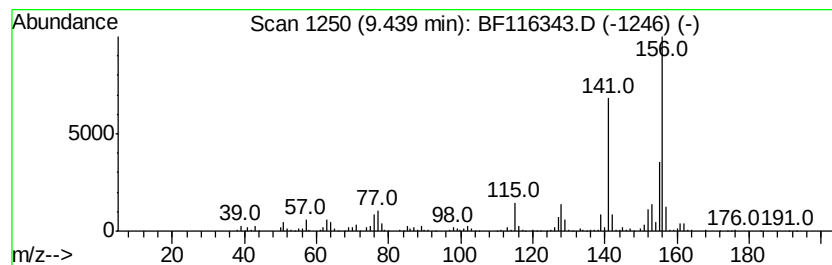
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	7.95 ng	478290	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116343.D
Acq On : 17 Aug 2019 3:02
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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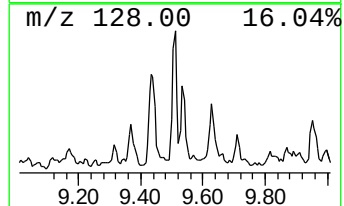
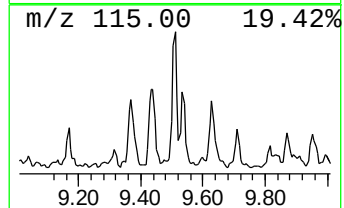
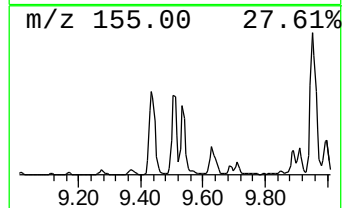
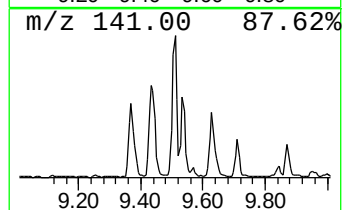
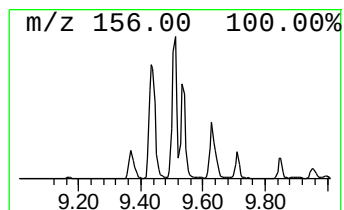
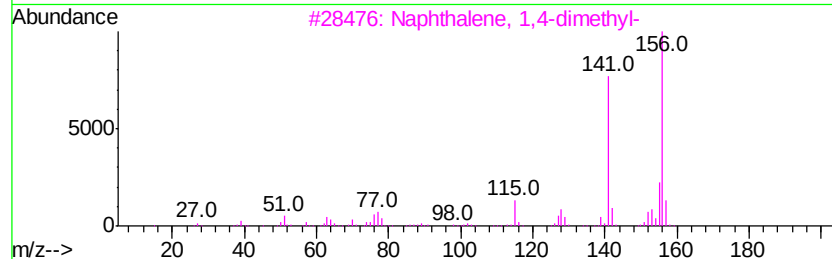
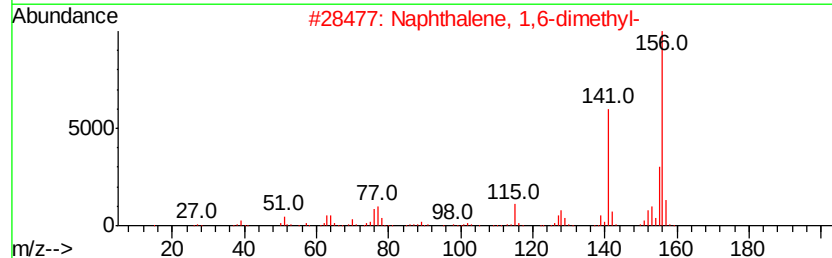
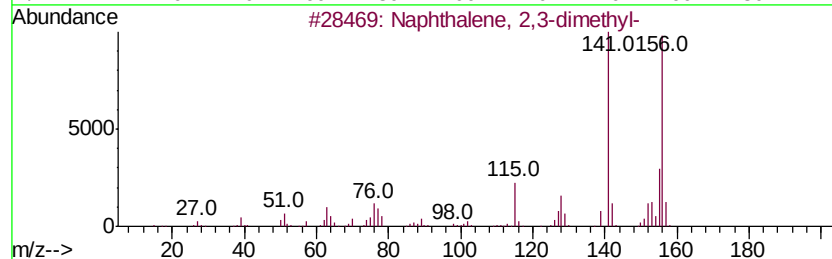
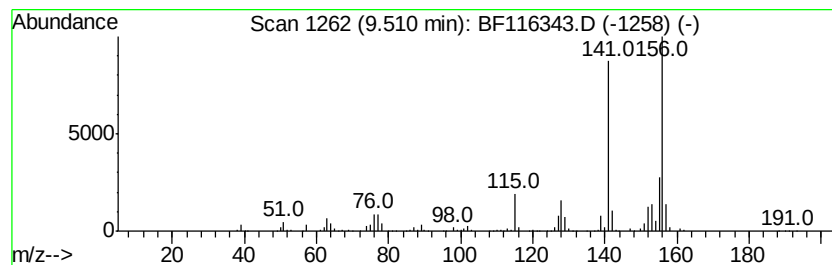
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	8.70 ng	523211	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
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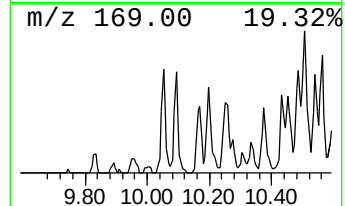
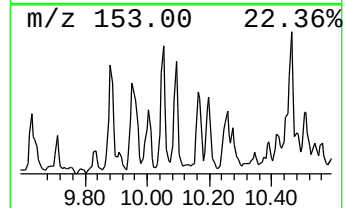
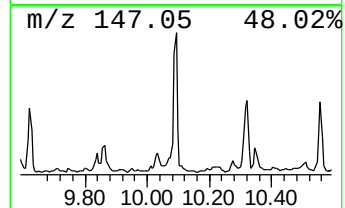
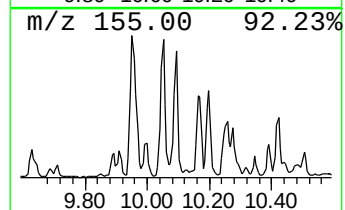
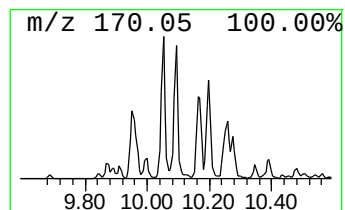
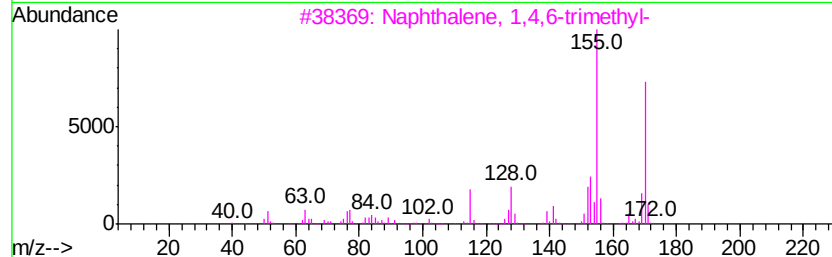
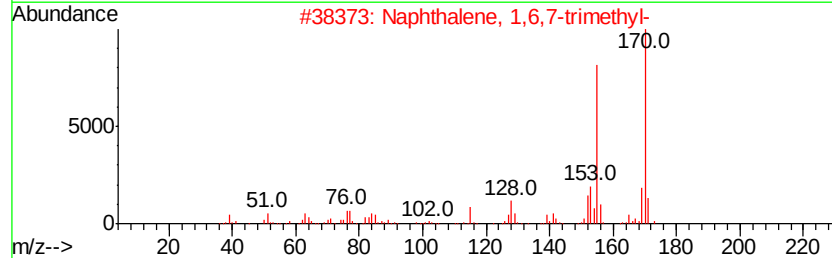
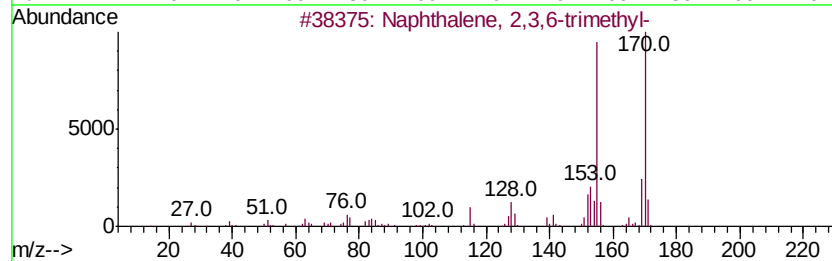
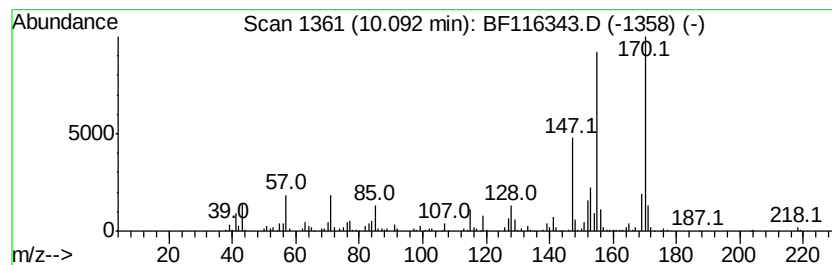
Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.09	7.88 ng	473647	Acenaphthene-d10		9.85
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116343.D
Acq On : 17 Aug 2019 3:02
Operator : HP/JU
Sample : K4391-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

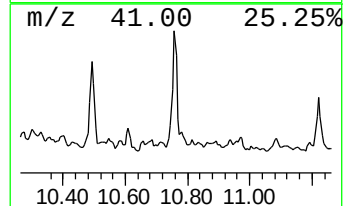
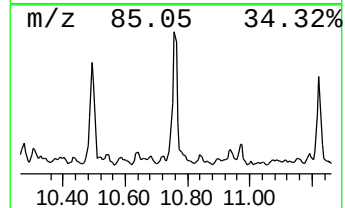
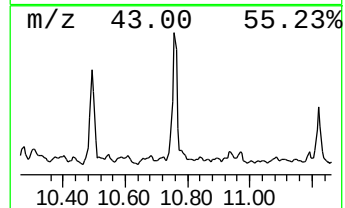
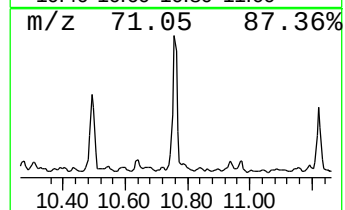
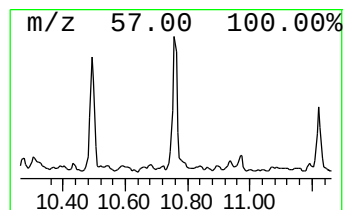
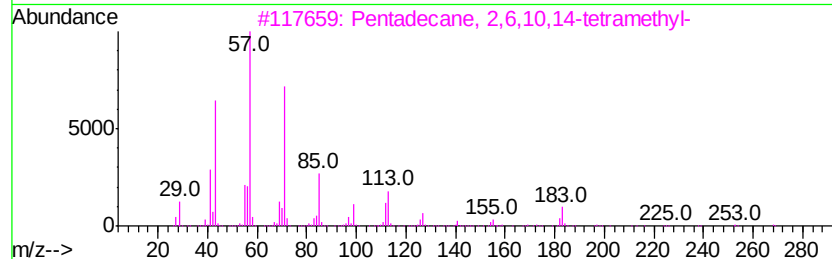
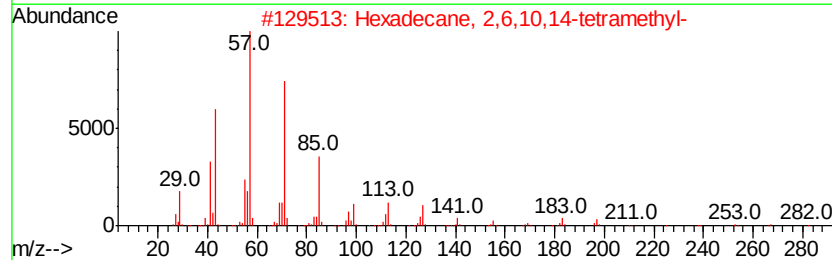
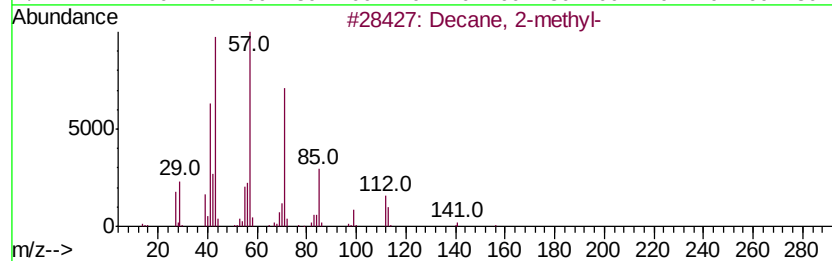
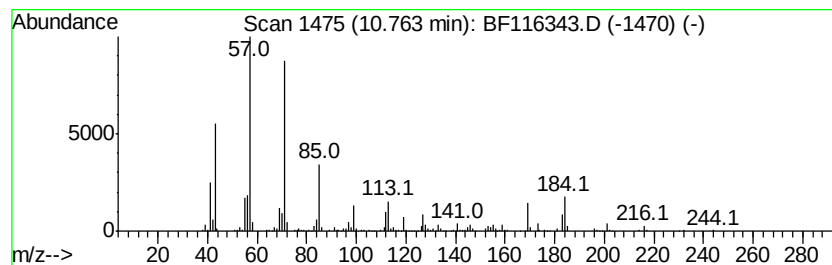
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Decane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	10.40 ng	579204	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	81
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
4		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
 Data File : BF116343.D
 Acq On : 17 Aug 2019 3:02
 Operator : HP/JU
 Sample : K4391-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
Cyclohexane, ethyl-	4.97	16.1 ng		1499860	1	6.82	1861870	20.0
Cyclohexane, 1,3,...	5.23	9.5 ng		888209	1	6.82	1861870	20.0
1-Ethyl-4-methylc...	5.84	10.2 ng		951452	1	6.82	1861870	20.0
Hexane, 2,3,3-tri...	5.89	10.2 ng		950580	1	6.82	1861870	20.0
unknown5.97	5.97	13.3 ng		1235880	1	6.82	1861870	20.0
Octane, 2,6-dimet...	6.07	24.3 ng		2260450	1	6.82	1861870	20.0
Heptane, 3-ethyl-...	6.12	8.1 ng		753739	1	6.82	1861870	20.0
Tridecane, 6-methyl-	6.26	12.4 ng		1154110	1	6.82	1861870	20.0
Heptane, 2,3,4-tr...	6.32	9.3 ng		870206	1	6.82	1861870	20.0
Hydroxylamine, 0-...	6.35	11.0 ng		1020260	1	6.82	1861870	20.0
Nonane, 3-methyl-	6.41	10.8 ng		1000530	1	6.82	1861870	20.0
Ethanone, 1-(1-me...	6.56	8.7 ng		808932	1	6.82	1861870	20.0
unknown6.59	6.59	34.3 ng		3193540	1	6.82	1861870	20.0
Decane, 5-methyl-	7.09	8.0 ng		747522	1	6.82	1861870	20.0
Naphthalene, 2,6-...	9.44	8.0 ng		478290	3	9.85	1202520	20.0
Naphthalene, 2,3-...	9.51	8.7 ng		523211	3	9.85	1202520	20.0
Naphthalene, 2,3,...	10.09	7.9 ng		473647	3	9.85	1202520	20.0
Decane, 2-methyl-	10.76	10.4 ng		579204	4	11.33	1113470	20.0