

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113305.D
 Acq On : 26 Mar 2019 21:51
 Operator : JU/SJ
 Sample : K2099-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-2H-A

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-BF032519.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	2.275	27	32	41	rVB4	58070	154975	3.57%	0.265%
2	2.710	102	106	116	rVB	107254	206665	4.77%	0.354%
3	3.646	257	265	273	rBV4	74763	193730	4.47%	0.332%
4	3.799	285	291	298	rVB	87776	156911	3.62%	0.269%
5	3.951	309	317	322	rBV3	67380	123323	2.84%	0.211%
6	4.416	389	396	401	rBV	130207	191316	4.41%	0.327%
7	4.828	462	466	472	rVB3	136752	218533	5.04%	0.374%
8	4.887	472	476	482	rBV2	101879	147728	3.41%	0.253%
9	5.004	493	496	508	rVB2	88566	135610	3.13%	0.232%
10	5.293	543	545	546	rVV	146337	123592	2.85%	0.212%
11	5.316	546	549	558	rVB	1373134	1321462	30.48%	2.262%
12	5.469	571	575	580	rBV2	78072	109502	2.53%	0.187%
13	5.863	636	642	646	rBV2	168212	231697	5.34%	0.397%
14	5.957	654	658	660	rBV	156509	160795	3.71%	0.275%
15	6.022	664	669	673	rBV4	96334	160011	3.69%	0.274%
16	6.163	684	693	696	rBV	370505	485680	11.20%	0.831%
17	6.210	699	701	703	rVV	209053	164263	3.79%	0.281%
18	6.240	703	706	708	rVV2	128997	142976	3.30%	0.245%
19	6.304	714	717	720	rBV2	494837	427312	9.86%	0.731%
20	6.345	720	724	728	rVV	905211	891331	20.56%	1.526%
21	6.387	728	731	738	rVB	611644	592242	13.66%	1.014%
22	6.475	742	746	753	rVB	2639952	2438414	56.24%	4.173%
23	6.569	759	762	768	rVB	143320	148897	3.43%	0.255%
24	6.698	781	784	787	rVV	1002013	899005	20.73%	1.539%
25	6.728	787	789	793	rVV2	186097	202489	4.67%	0.347%
26	6.763	793	795	800	rVB3	211979	205565	4.74%	0.352%
27	6.857	807	811	814	rBV	3365119	3271530	75.46%	5.599%
28	6.881	814	815	818	rVB	514338	367620	8.48%	0.629%
29	6.957	824	828	830	rBV	456735	380045	8.77%	0.650%
30	6.987	830	833	836	rVB3	142634	184953	4.27%	0.317%
31	7.028	836	840	842	rBV2	841987	821707	18.95%	1.406%
32	7.051	842	844	848	rVB2	238262	210988	4.87%	0.361%
33	7.098	848	852	856	rBV	481377	458049	10.56%	0.784%
34	7.175	863	865	868	rVB	197239	153948	3.55%	0.263%

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35	7.245	873	877	878	rVV2	1350543	1340617	30.92%	2.295%
36	7.269	878	881	889	rVB2	2768027	2895610	66.78%	4.956%
37	7.357	892	896	899	rVB5	245331	291466	6.72%	0.499%
38	7.392	899	902	905	rBV2	166424	168126	3.88%	0.288%
39	7.422	905	907	911	rVB3	158171	154311	3.56%	0.264%
40	7.475	911	916	919	rBV	626485	719107	16.59%	1.231%
41	7.504	919	921	926	rVV	479781	445724	10.28%	0.763%
42	7.592	933	936	938	rVV	176626	180457	4.16%	0.309%
43	7.616	938	940	942	rVV2	237699	237195	5.47%	0.406%
44	7.657	942	947	949	rVV3	516709	698863	16.12%	1.196%
45	7.675	949	950	954	rVV2	177539	155073	3.58%	0.265%
46	7.728	954	959	961	rVV2	1070626	1226290	28.28%	2.099%
47	7.757	961	964	968	rVV2	214600	351987	8.12%	0.602%
48	7.792	968	970	971	rVV	200878	167867	3.87%	0.287%
49	7.810	971	973	974	rVV	265139	240238	5.54%	0.411%
50	7.863	978	982	986	rBV	191588	184721	4.26%	0.316%
51	7.951	991	997	998	rVV5	178231	266940	6.16%	0.457%
52	7.981	998	1002	1005	rVV2	1528843	1710931	39.46%	2.928%
53	8.004	1005	1006	1009	rVV2	617932	548852	12.66%	0.939%
54	8.034	1009	1011	1013	rVV	372489	310253	7.16%	0.531%
55	8.057	1013	1015	1017	rVV	272975	221631	5.11%	0.379%
56	8.081	1017	1019	1022	rVB	178788	145455	3.35%	0.249%
57	8.192	1035	1038	1042	rVV2	105295	155054	3.58%	0.265%
58	8.263	1046	1050	1052	rVV2	250639	315714	7.28%	0.540%
59	8.310	1056	1058	1061	rVV3	103478	122049	2.81%	0.209%
60	8.369	1065	1068	1072	rVB	339123	332499	7.67%	0.569%
61	8.416	1073	1076	1080	rBV	354029	406786	9.38%	0.696%
62	8.451	1080	1082	1085	rVV	182752	172503	3.98%	0.295%
63	8.486	1085	1088	1092	rVB2	195477	213773	4.93%	0.366%
64	8.575	1100	1103	1106	rBV3	231840	212518	4.90%	0.364%
65	8.645	1112	1115	1117	rVB3	189843	161815	3.73%	0.277%
66	8.698	1121	1124	1126	rVB	363881	335094	7.73%	0.574%
67	8.722	1126	1128	1133	rBV3	69206	111562	2.57%	0.191%
68	8.792	1137	1140	1144	rVV2	467570	429310	9.90%	0.735%
69	8.886	1154	1156	1160	rVV4	74040	109887	2.53%	0.188%
70	8.928	1160	1163	1165	rVV2	110659	123052	2.84%	0.211%
71	9.016	1175	1178	1181	rVB2	257496	220162	5.08%	0.377%

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72	9.063	1181	1186	1189	rBV	4411731	4335732	100.00%	7.421%
73	9.322	1225	1230	1235	rBV3	135567	246605	5.69%	0.422%
74	9.392	1239	1242	1245	rVV2	178392	193007	4.45%	0.330%
75	9.422	1245	1247	1250	rVB2	180035	140698	3.25%	0.241%
76	9.451	1250	1252	1253	rBV	132138	110255	2.54%	0.189%
77	9.469	1253	1255	1257	rVB	210463	148352	3.42%	0.254%
78	9.733	1294	1300	1303	rBV	1299704	1279567	29.51%	2.190%
79	10.004	1343	1346	1352	rVB	230310	248253	5.73%	0.425%
80	10.275	1389	1392	1399	rBV3	126280	149003	3.44%	0.255%
81	10.439	1417	1420	1424	rVB	184669	167431	3.86%	0.287%
82	10.516	1429	1433	1442	rBV	1814948	1743557	40.21%	2.984%
83	10.657	1451	1457	1462	rVB2	97666	154092	3.55%	0.264%
84	11.210	1547	1551	1554	rBV	1389619	1261289	29.09%	2.159%
85	11.763	1638	1645	1652	rBV	2822553	3662328	84.47%	6.268%
86	11.816	1652	1654	1664	rVB4	171750	315163	7.27%	0.539%
87	12.457	1758	1763	1771	rVV2	152948	250268	5.77%	0.428%
88	12.539	1771	1777	1787	rBV	2753613	3857875	88.98%	6.603%
89	12.792	1815	1820	1823	rBV	3845057	3652570	84.24%	6.252%
90	13.745	1977	1982	1992	rBV4	51005	140747	3.25%	0.241%
91	13.833	1993	1997	2005	rVB	1005220	1004807	23.18%	1.720%
92	14.010	2024	2027	2032	rVB	159842	143672	3.31%	0.246%
93	14.316	2075	2079	2082	rVB	231891	213346	4.92%	0.365%
94	14.604	2125	2128	2132	rBV	324463	295653	6.82%	0.506%
95	14.915	2177	2181	2191	rBV	335271	381164	8.79%	0.652%
96	15.233	2230	2235	2238	rBV	815891	1048772	24.19%	1.795%
97	15.268	2238	2241	2249	rVB	328089	417828	9.64%	0.715%
98	15.662	2303	2308	2316	rBV	235113	336666	7.76%	0.576%
99	16.121	2381	2386	2392	rBV	138383	233682	5.39%	0.400%
100	16.657	2472	2477	2486	rVB2	65750	127416	2.94%	0.218%

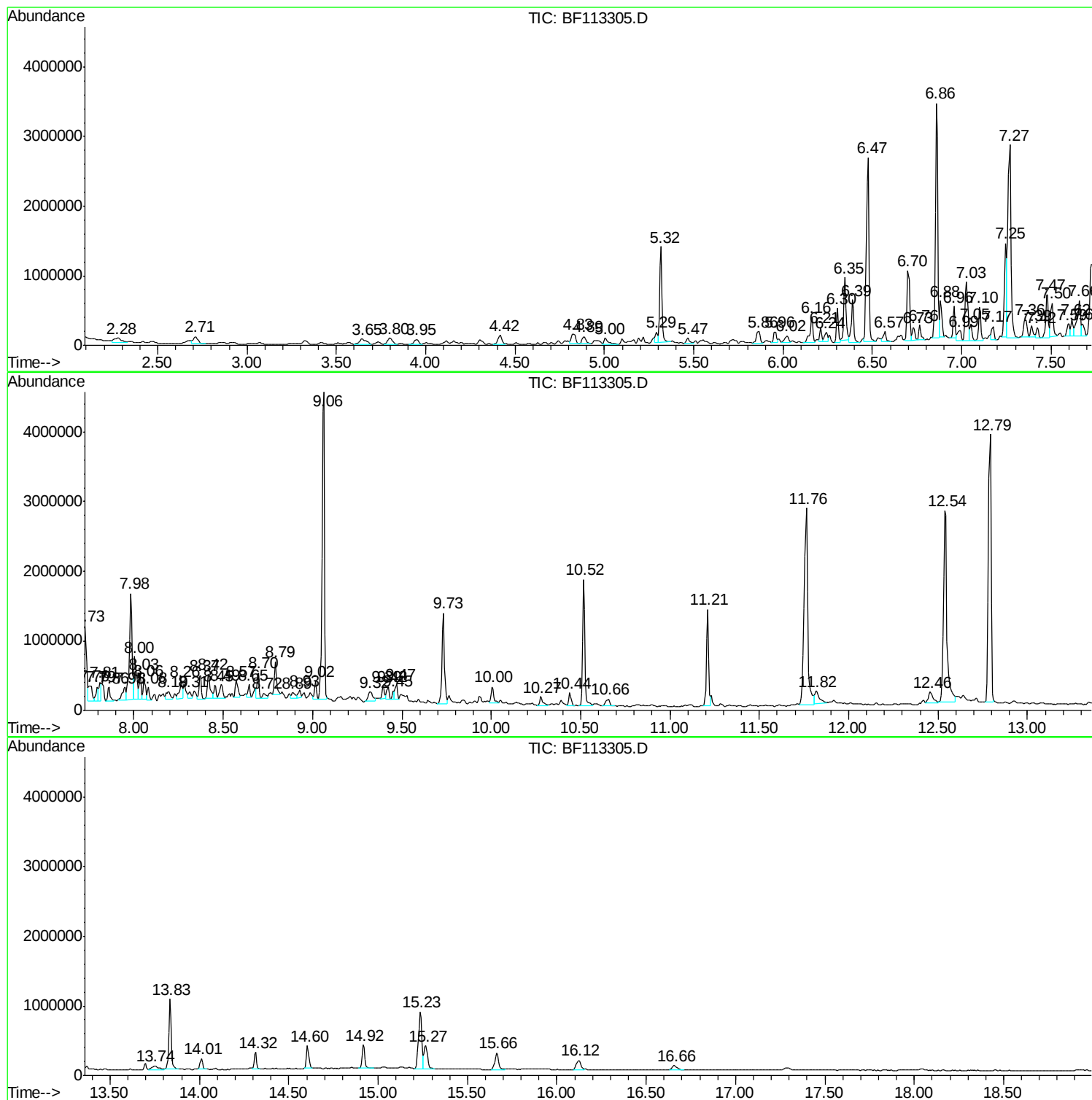
Sum of corrected areas: 58426154

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Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.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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SHORE-RD-CLVRT-STLD-2H-A

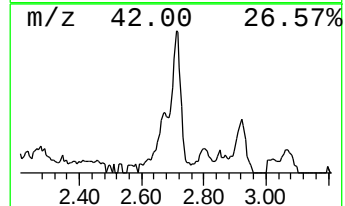
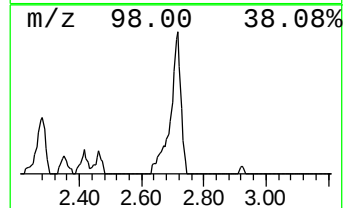
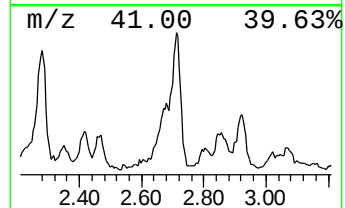
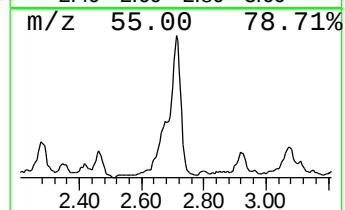
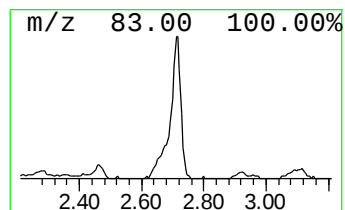
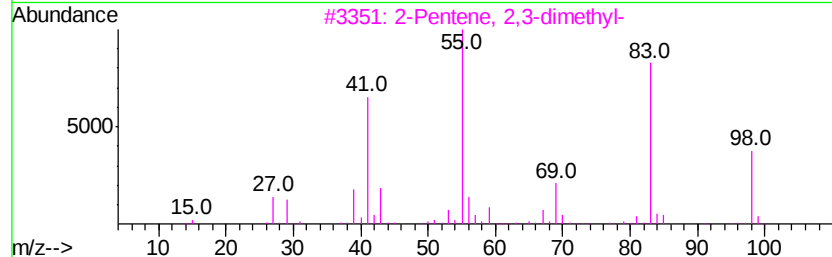
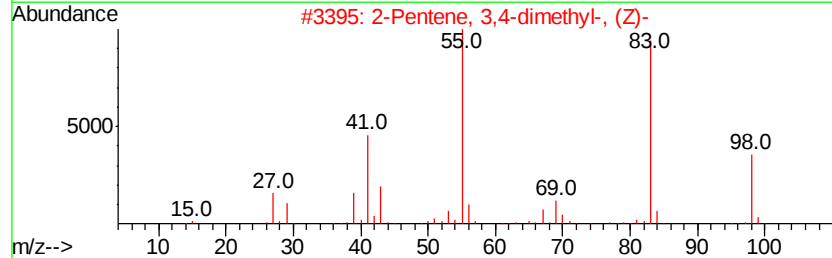
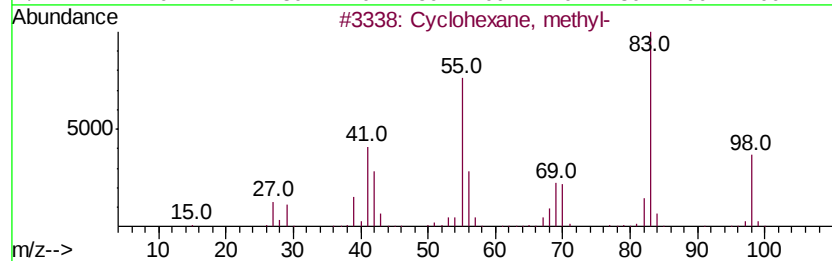
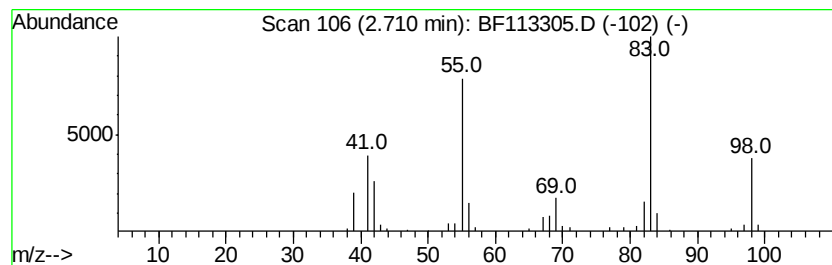
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentene, 3,4-dimethyl-, (Z)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	4.60 ng	206665	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, methyl-	98	C7H14	000108-87-2	87
2		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	87
3		2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	87
4		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80
5		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	74



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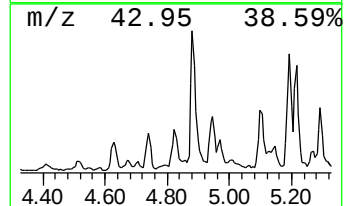
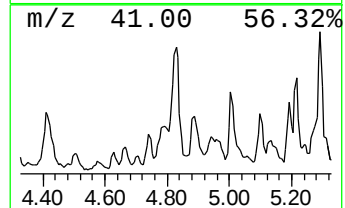
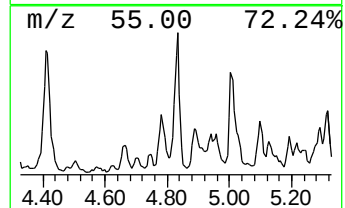
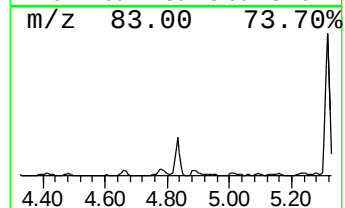
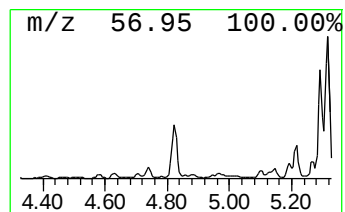
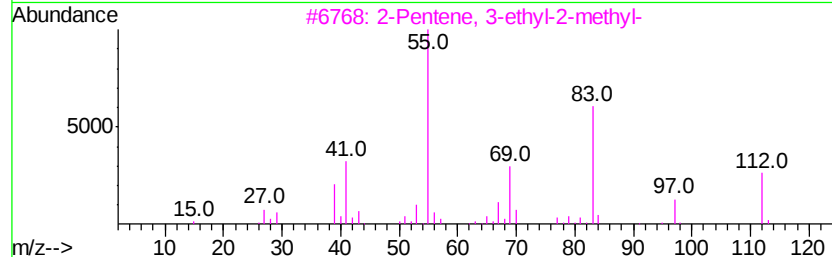
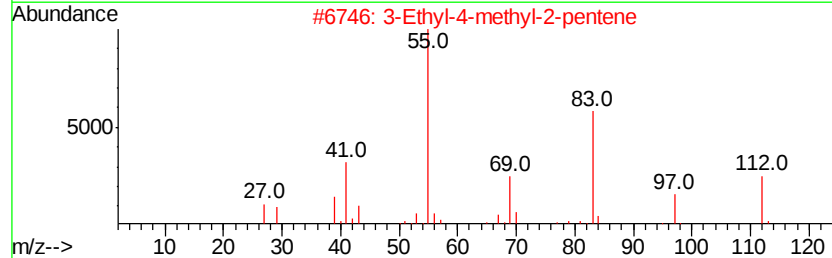
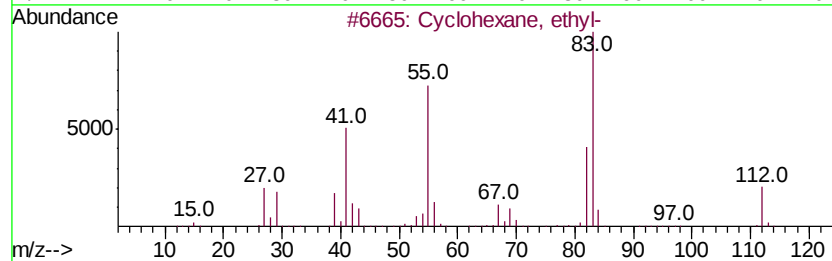
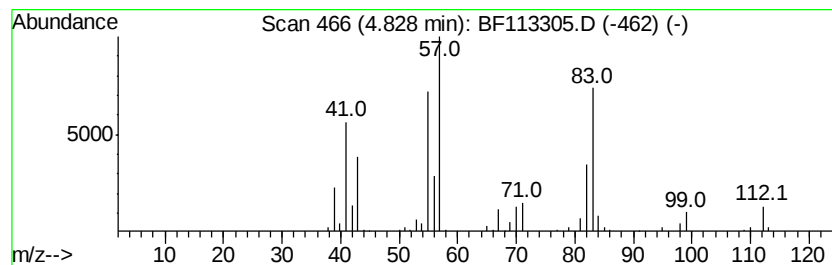
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Peak Number 2 Cyclohexane, ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	4.86 ng	218533	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
2		3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	46
3		2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	46
4		3-Ethyl-3-hexene	112	C8H16	016789-51-8	46
5		trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	45



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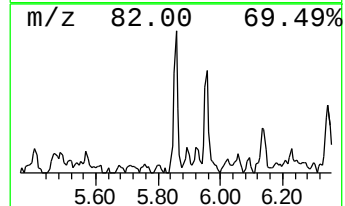
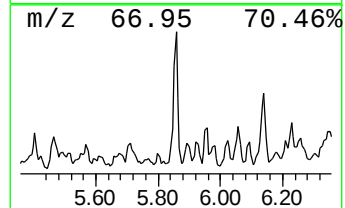
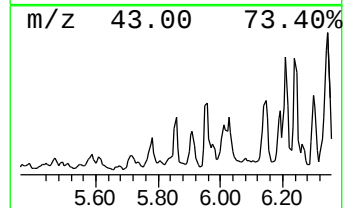
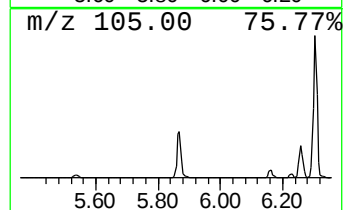
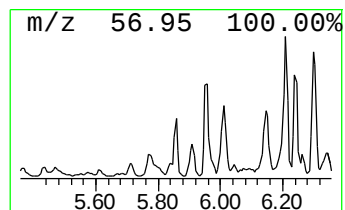
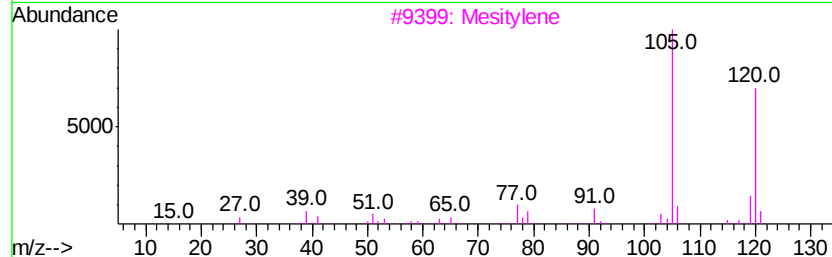
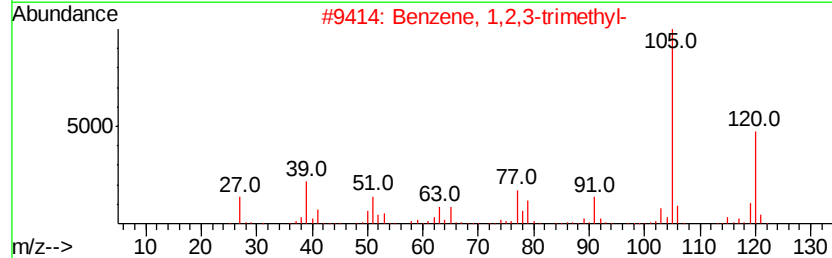
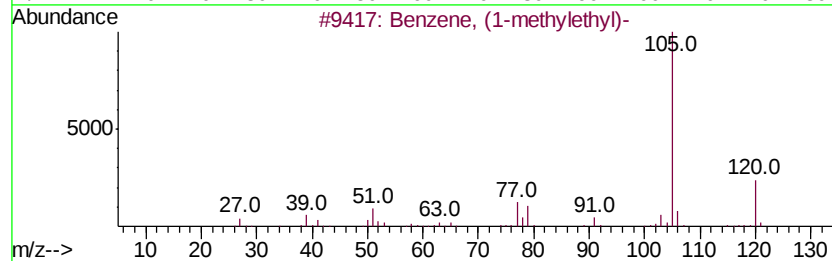
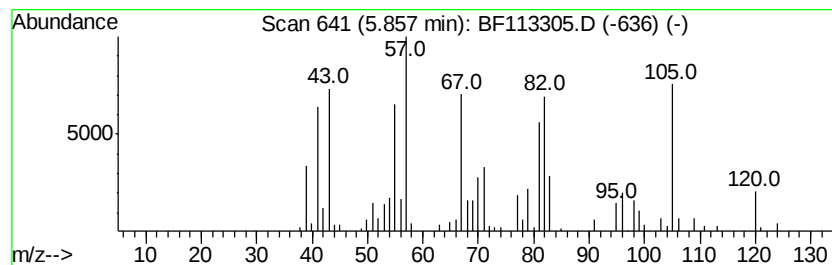
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	5.15 ng	231697	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	92
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	62
3		Mesitylene	120	C9H12	000108-67-8	58
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	58
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113305.D
Acq On : 26 Mar 2019 21:51
Operator : JU/SJ
Sample : K2099-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

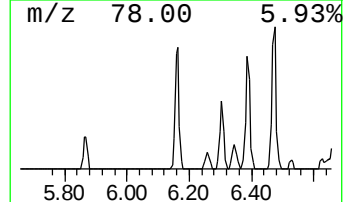
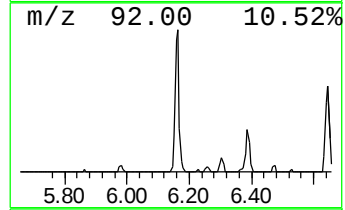
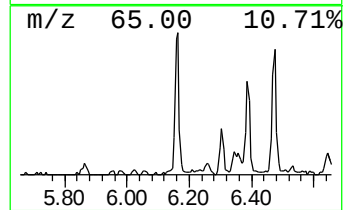
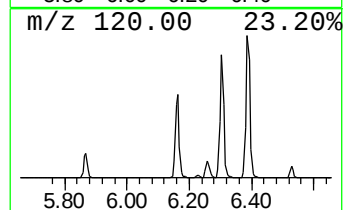
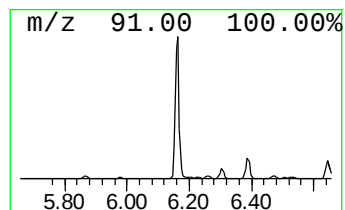
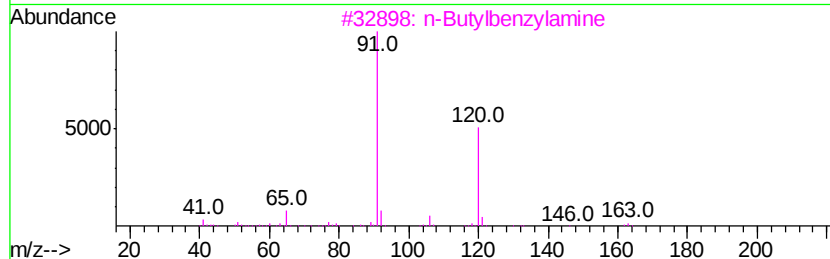
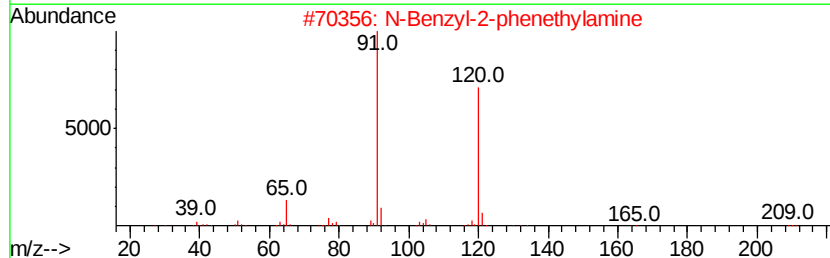
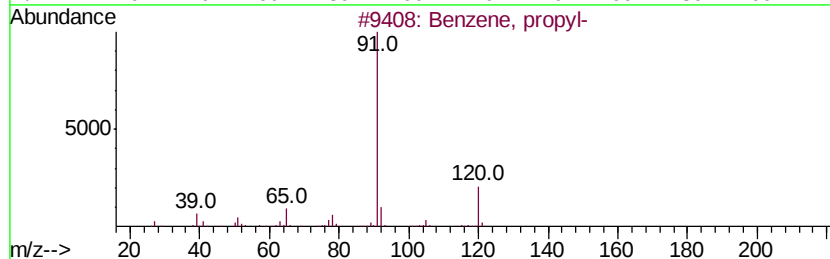
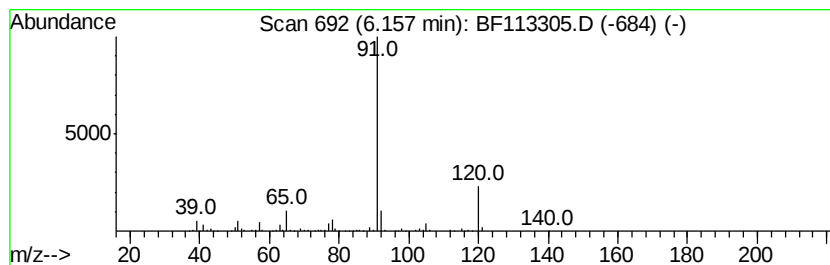
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	10.80 ng	485680	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	91
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	74
3		n-Butylbenzylamine	163	C11H17N	002403-22-7	72
4		1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5		Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113305.D
Acq On : 26 Mar 2019 21:51
Operator : JU/SJ
Sample : K2099-07
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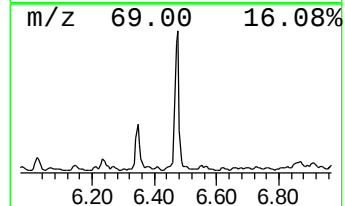
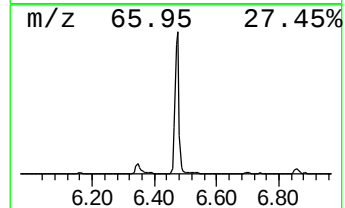
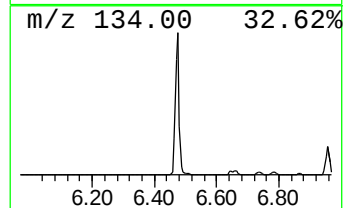
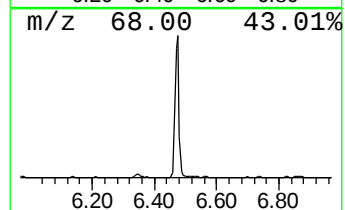
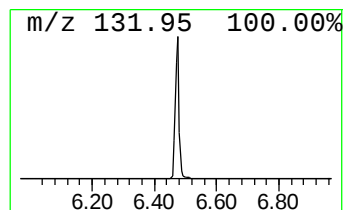
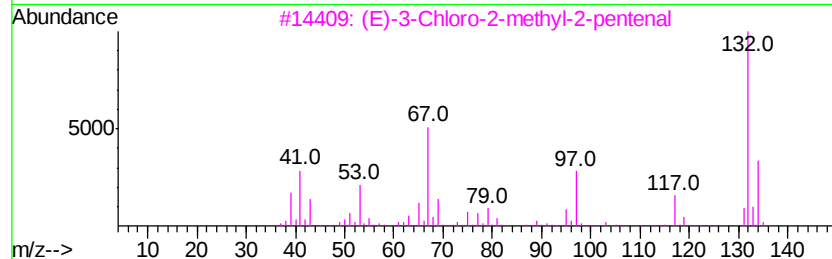
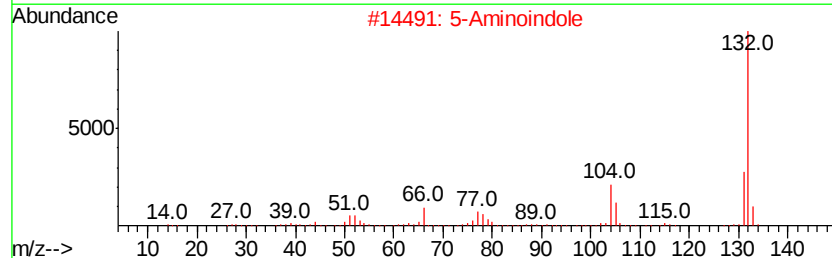
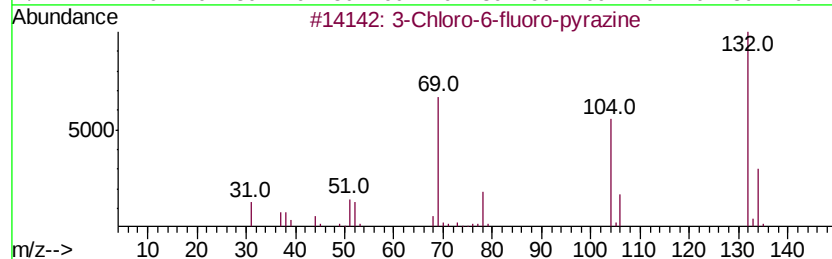
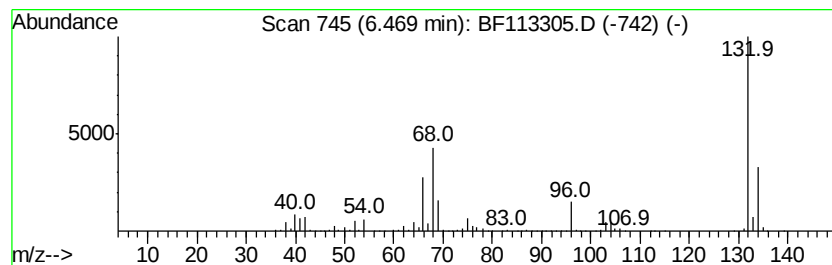
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	54.25 ng	2438410	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10	
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10	
5	Amphetaminil	250	C17H18N2	017590-01-1	10	



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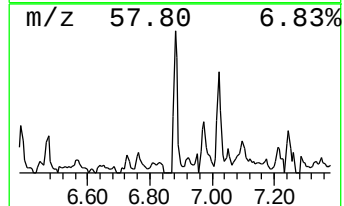
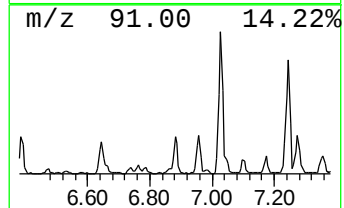
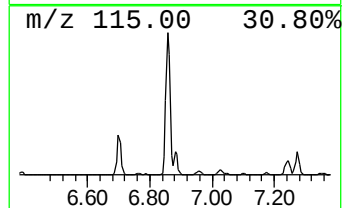
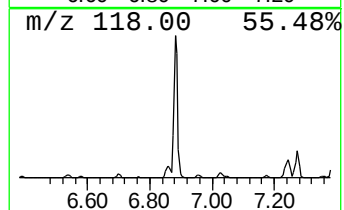
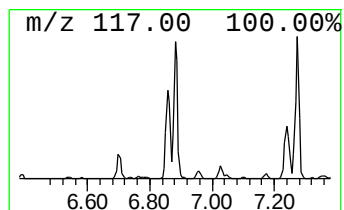
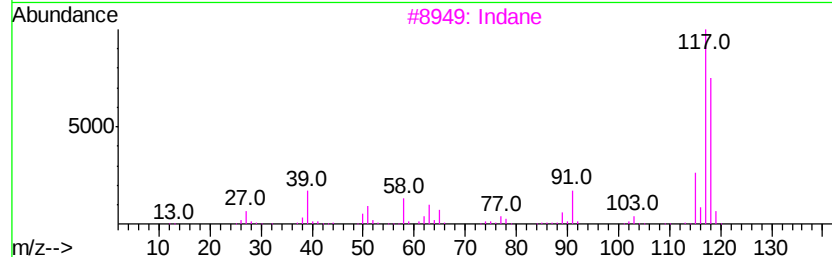
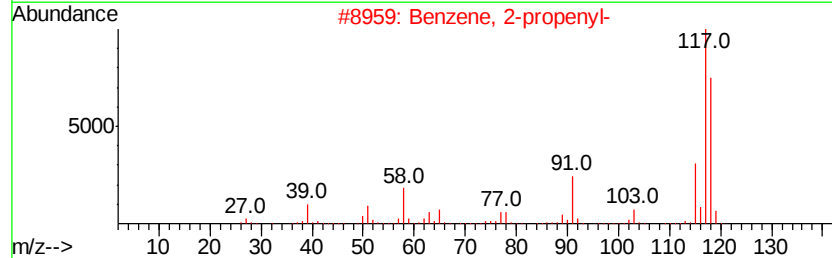
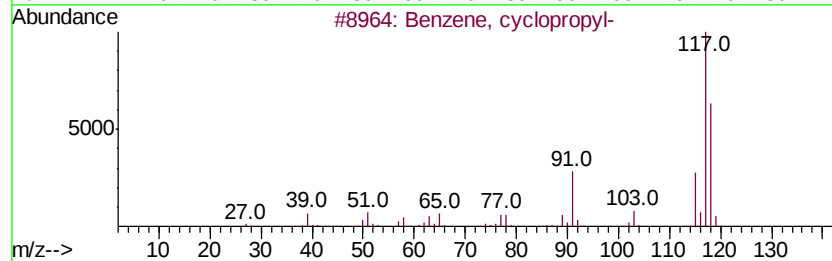
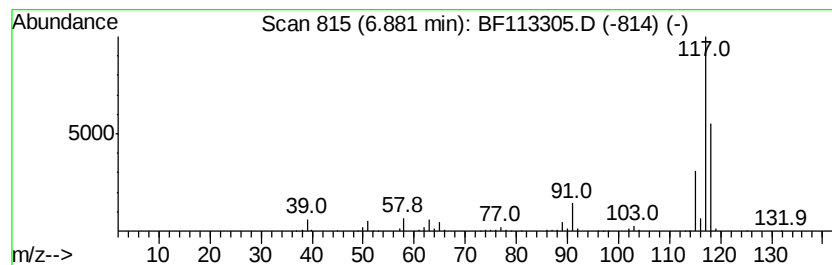
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, cyclopropyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	8.18 ng	367620	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cvclopropyl-	118	C9H10	000873-49-4	72
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
3		Indane	118	C9H10	000496-11-7	60
4		7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	59
5		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59



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Data File : BF113305.D
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Sample : K2099-07
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ALS Vial : 9 Sample Multiplier: 1

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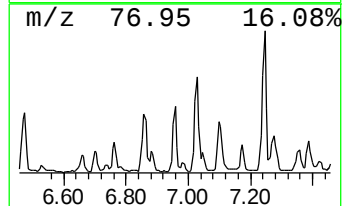
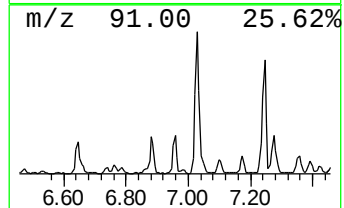
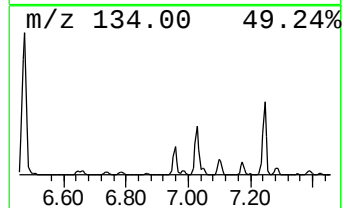
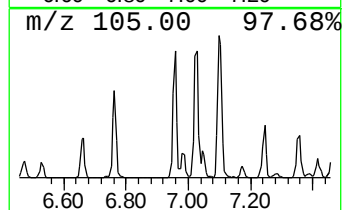
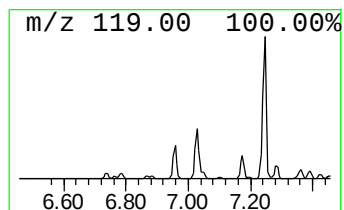
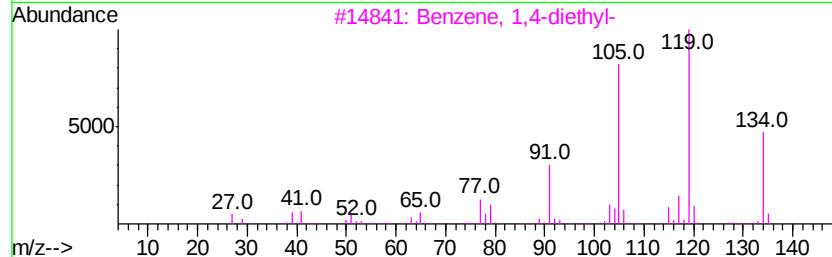
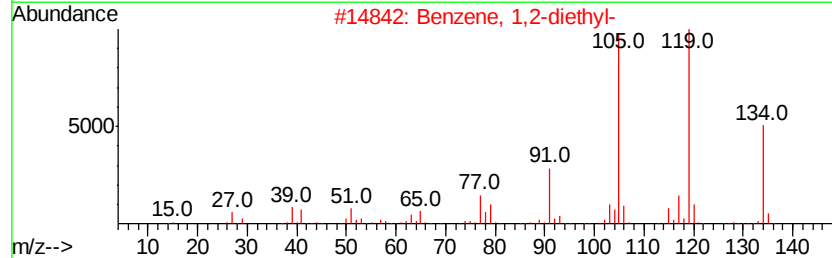
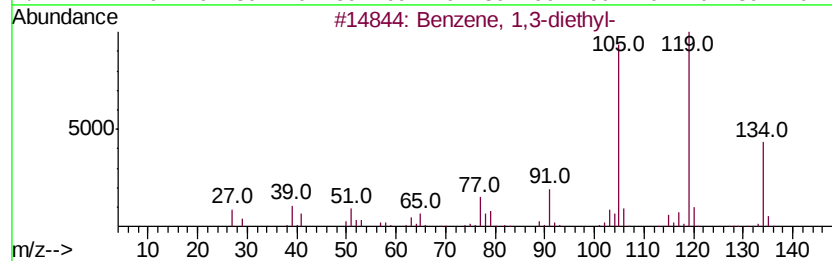
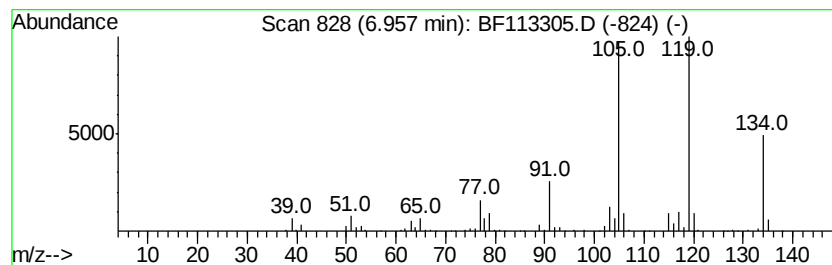
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	8.45 ng	380045	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
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Sample : K2099-07
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Instrument :
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ClientSampleId :
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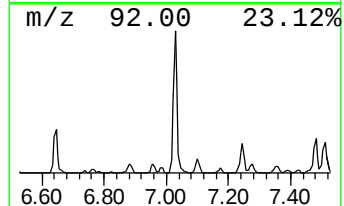
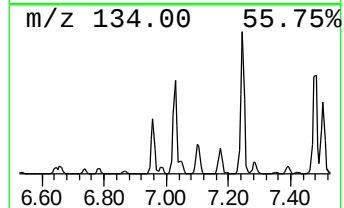
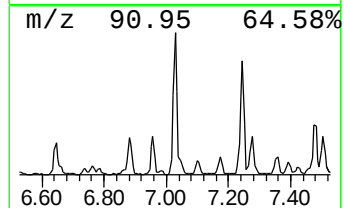
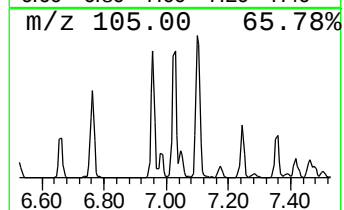
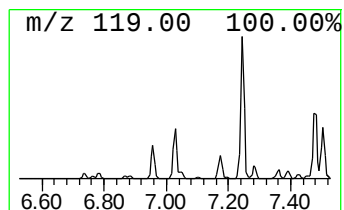
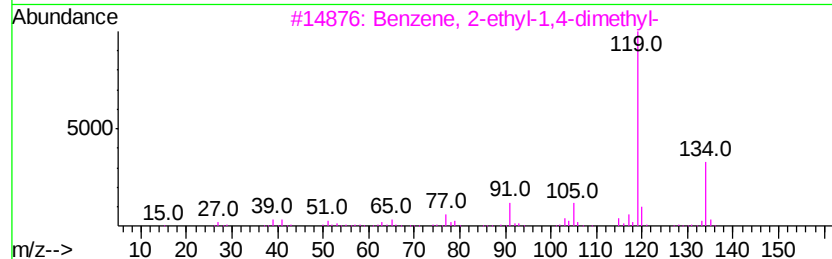
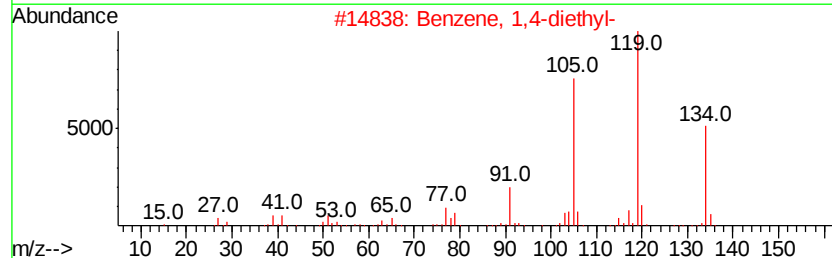
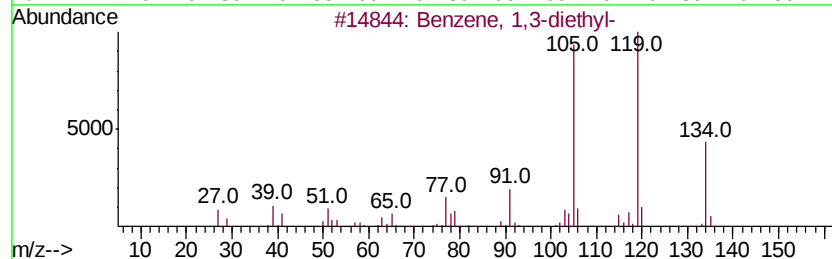
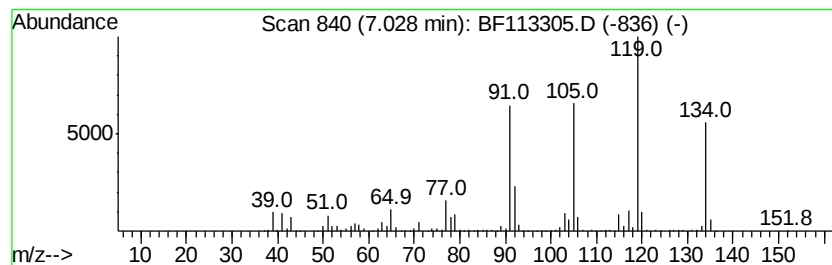
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	18.28 ng	821707	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5		p-Cymene	134	C10H14	000099-87-6	93



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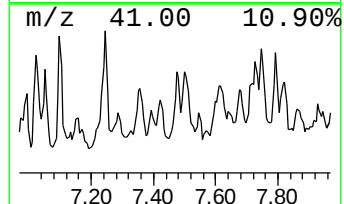
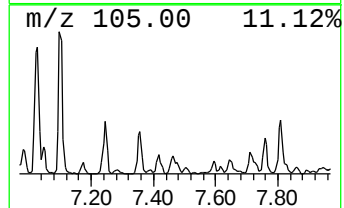
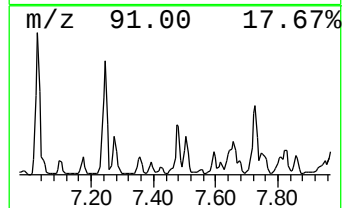
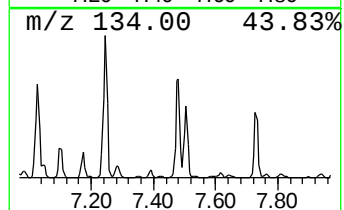
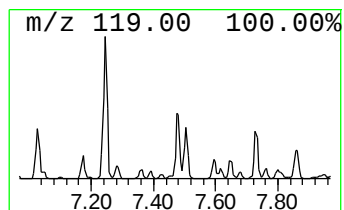
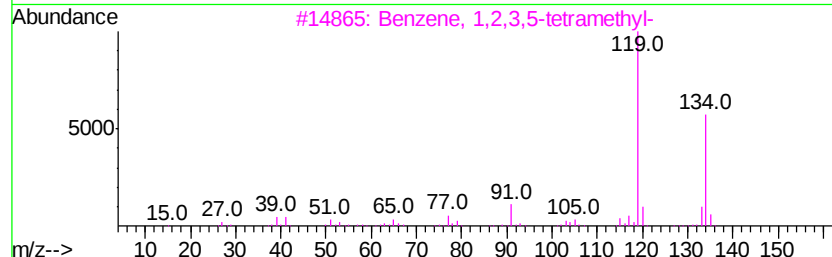
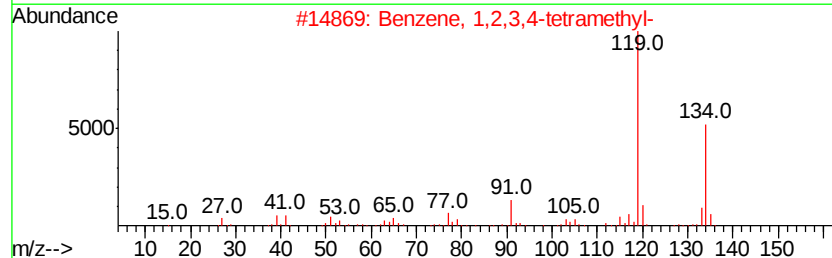
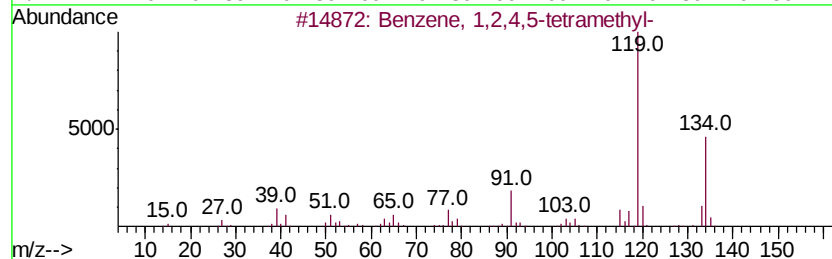
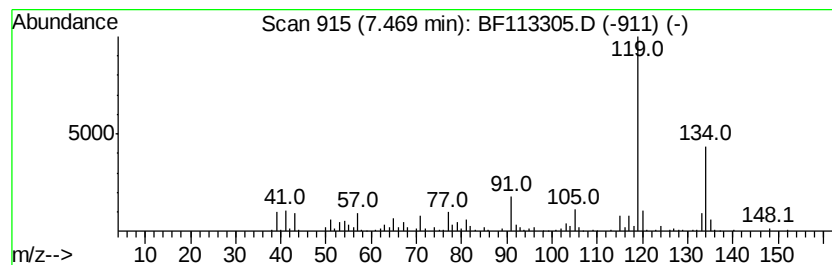
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	8.41 ng	719107	Naphthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		o-Cymene	134	C10H14	000527-84-4	94
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



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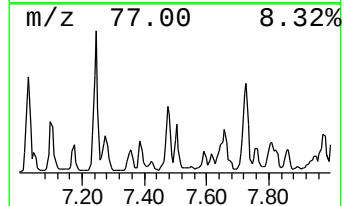
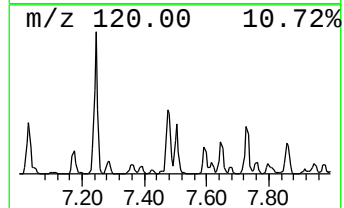
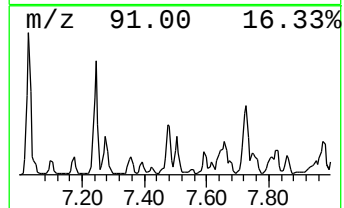
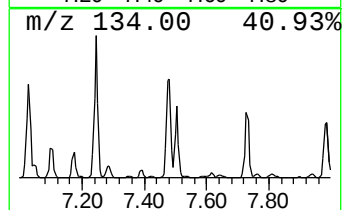
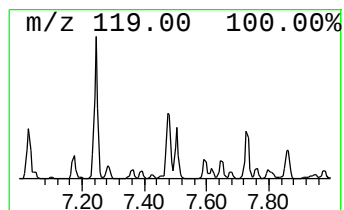
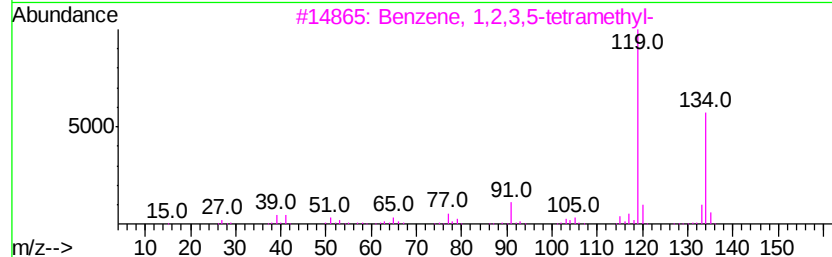
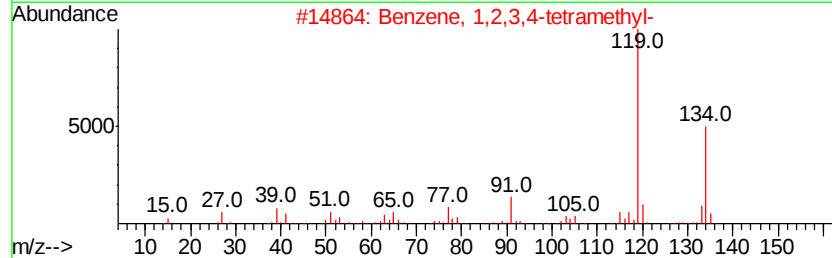
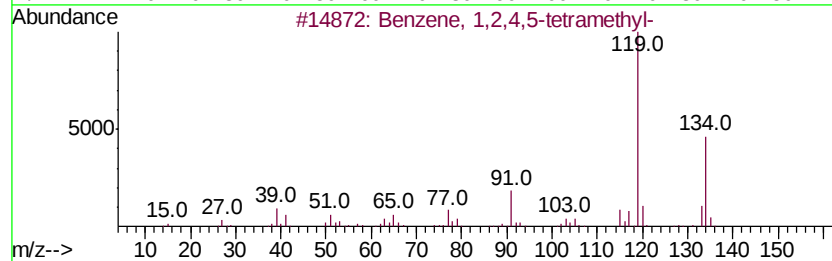
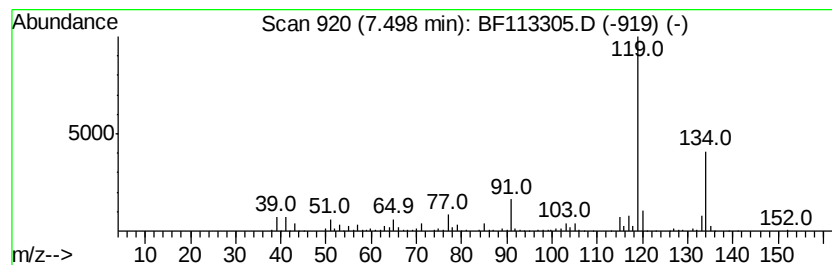
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	5.21 ng	445724	Napthalene-d8	7.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113305.D
Acq On : 26 Mar 2019 21:51
Operator : JU/SJ
Sample : K2099-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

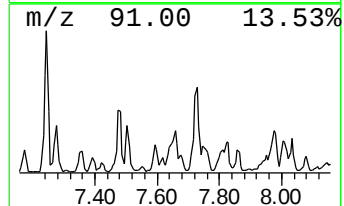
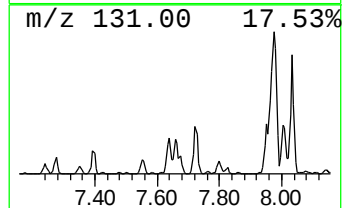
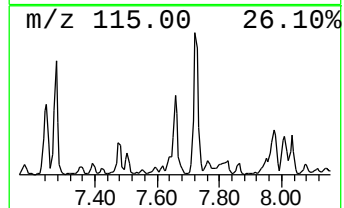
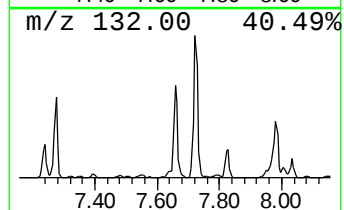
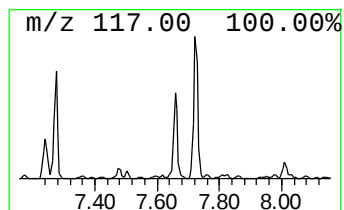
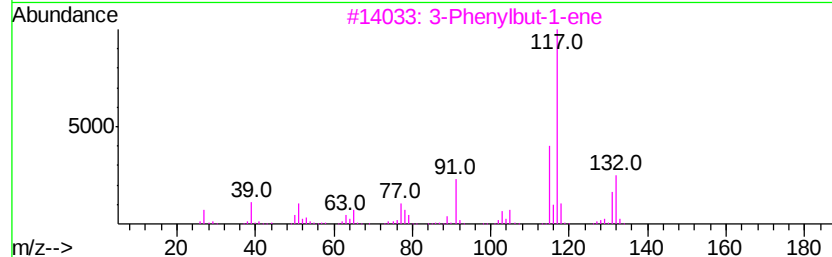
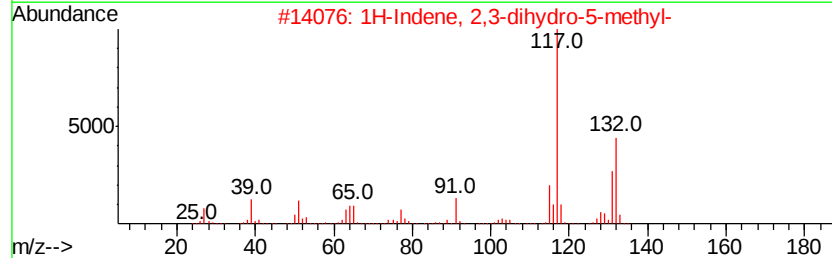
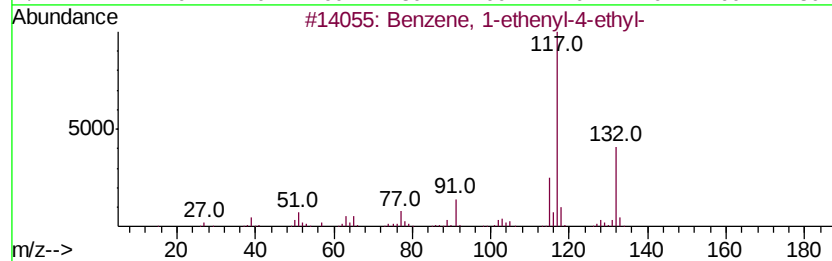
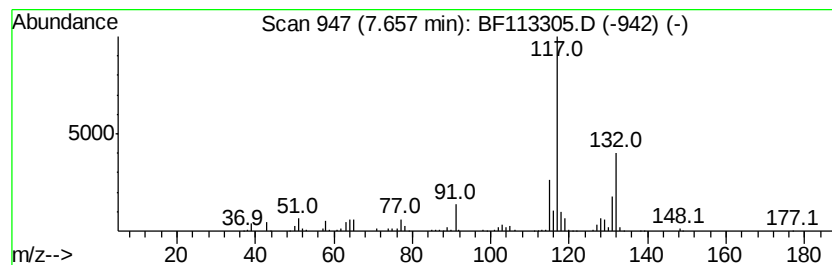
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	8.17 ng	698863	Napthalene-d8	7.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113305.D
Acq On : 26 Mar 2019 21:51
Operator : JU/SJ
Sample : K2099-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

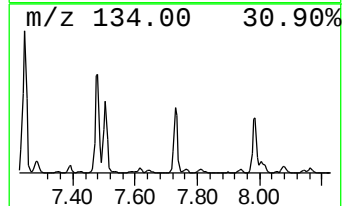
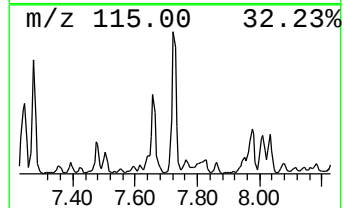
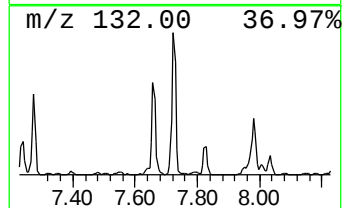
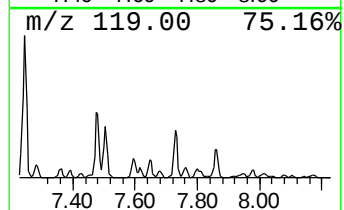
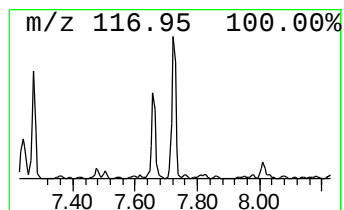
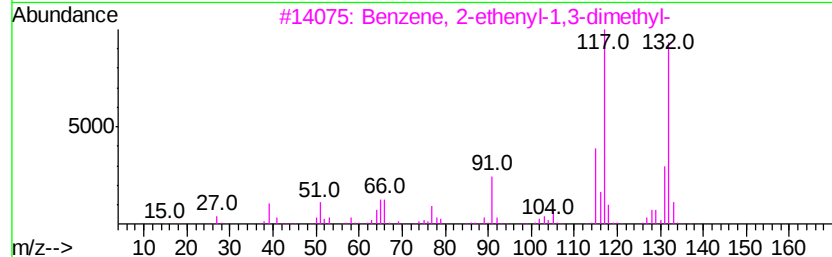
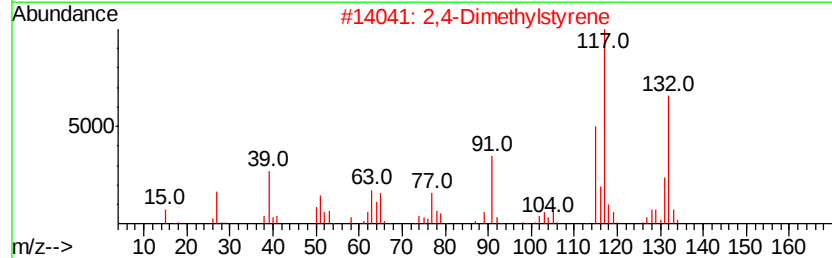
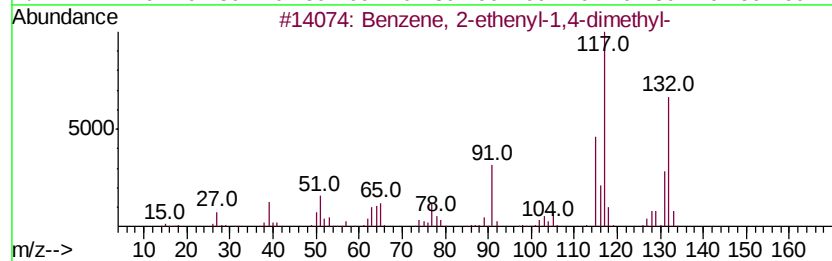
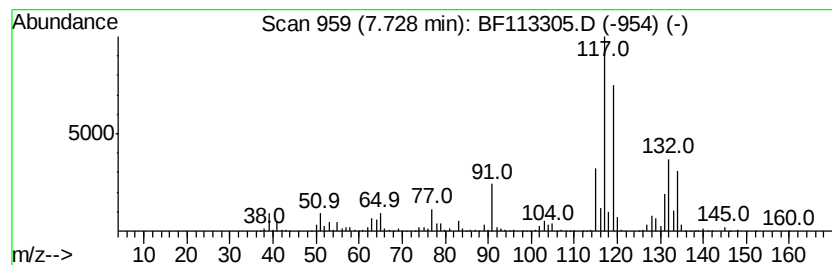
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	14.33 ng	1226290	Naphthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	60
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113305.D
Acq On : 26 Mar 2019 21:51
Operator : JU/SJ
Sample : K2099-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

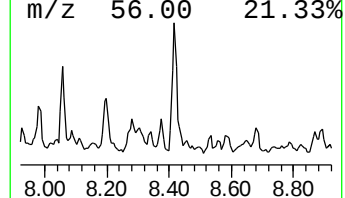
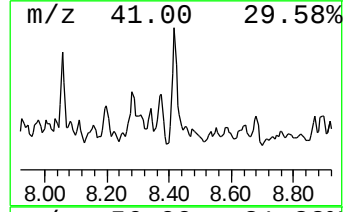
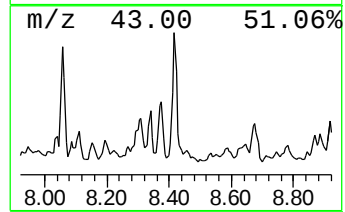
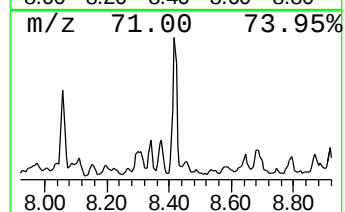
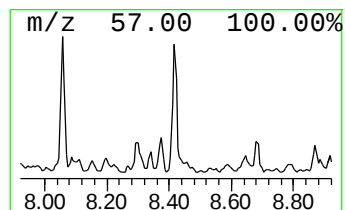
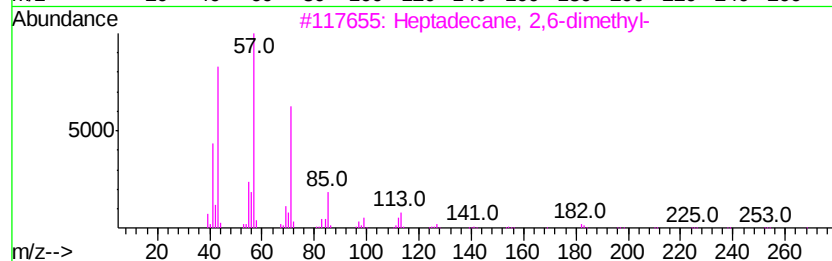
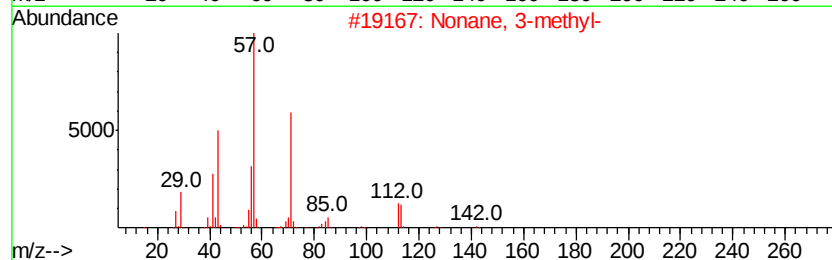
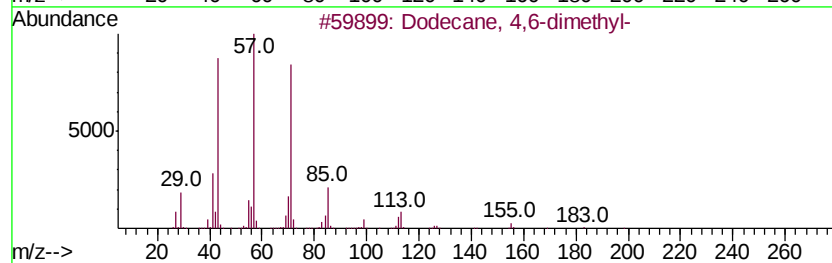
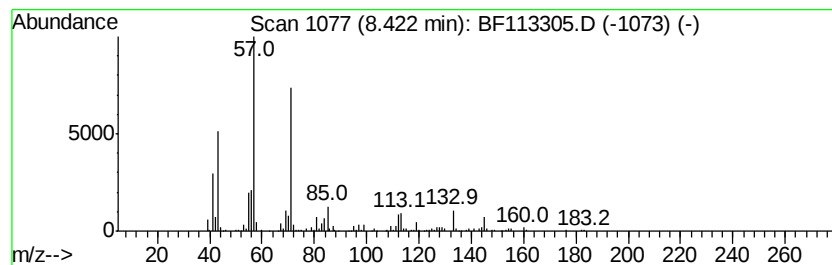
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 4,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	4.76 ng	406786	Napthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
4		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113305.D
Acq On : 26 Mar 2019 21:51
Operator : JU/SJ
Sample : K2099-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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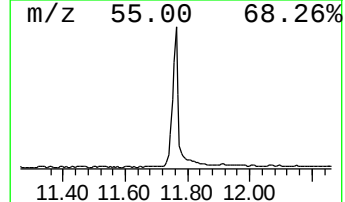
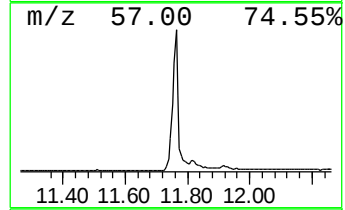
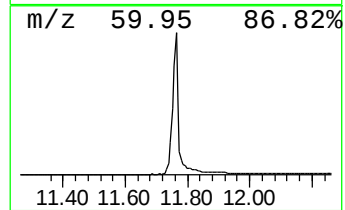
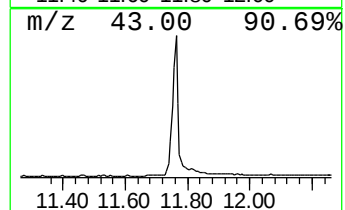
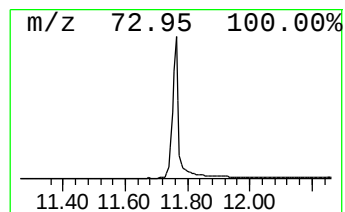
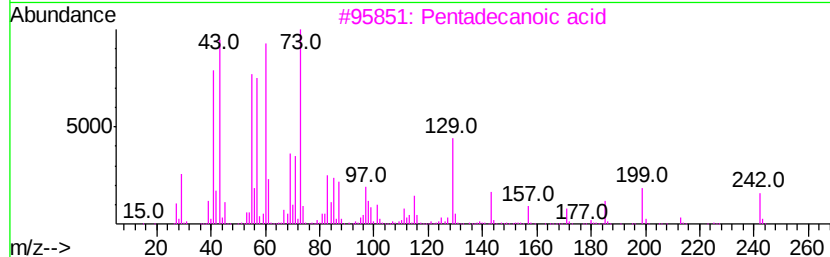
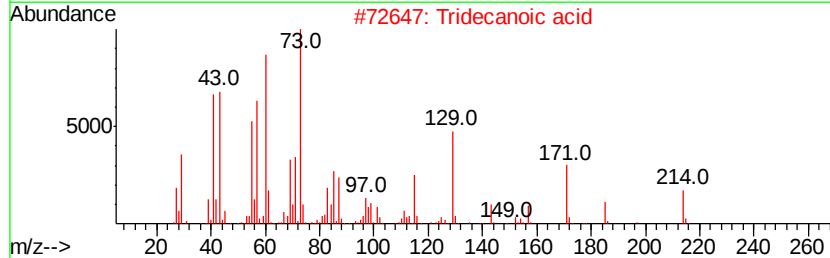
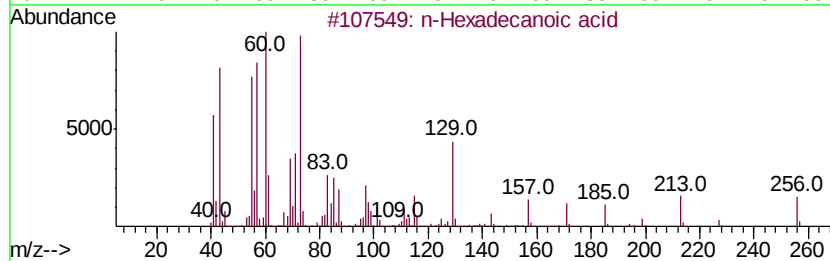
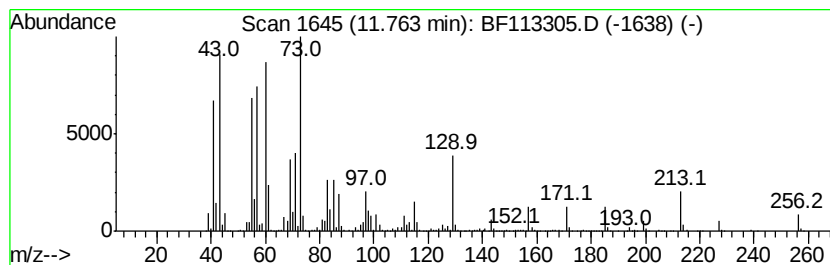
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	58.07 ng	3662330	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113305.D
Acq On : 26 Mar 2019 21:51
Operator : JU/SJ
Sample : K2099-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

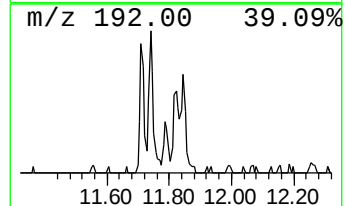
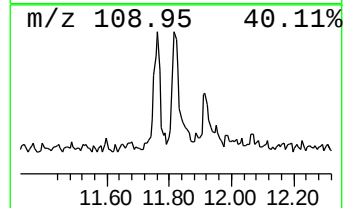
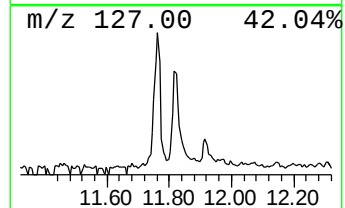
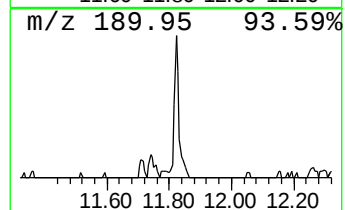
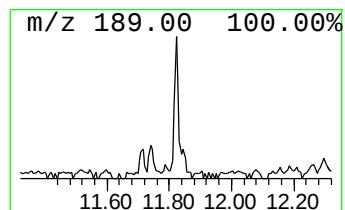
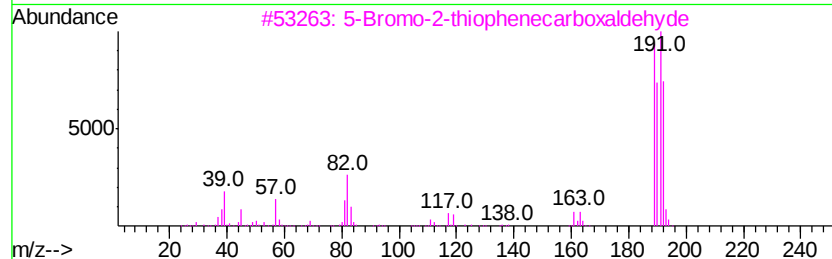
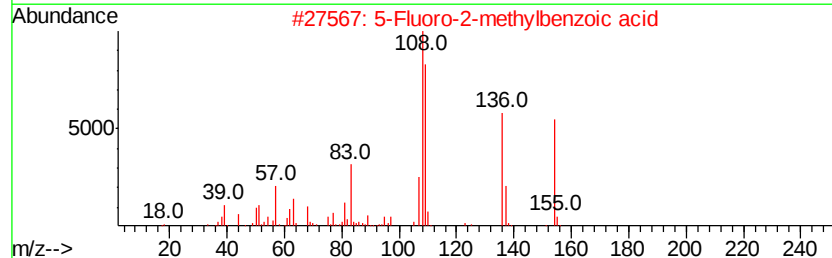
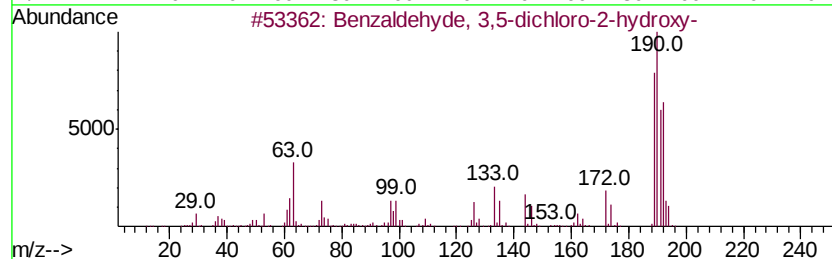
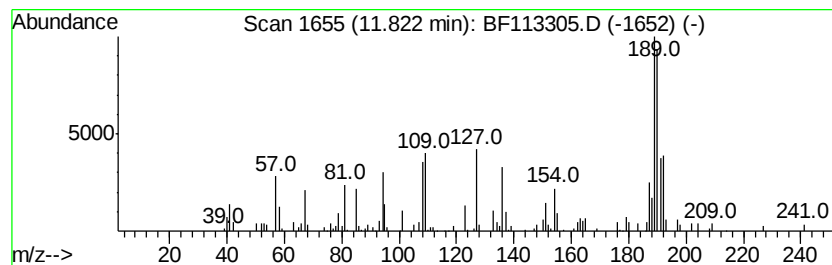
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ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

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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 unknown11.82 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.82	5.00 ng	315163	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	30
2	5-Fluoro-2-methylbenzoic acid	154	C8H7FO2	033184-16-6	22
3	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	22
4	1H-Imidazole-4-carboxylic acid, ...	154	C7H10N2O2	087326-25-8	18
5	Formic acid, (2-fluorophenyl)met...	154	C8H7FO2	1000368-73-6	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113305.D
Acq On : 26 Mar 2019 21:51
Operator : JU/SJ
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ALS Vial : 9 Sample Multiplier: 1

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SHORE-RD-CLVRT-STLD-2H-A

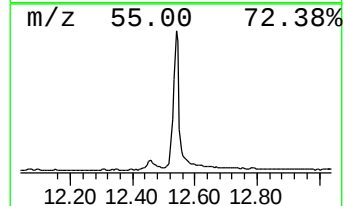
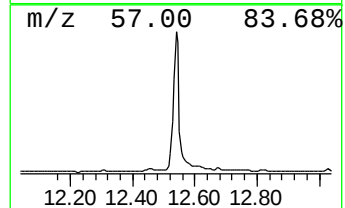
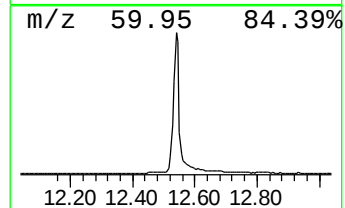
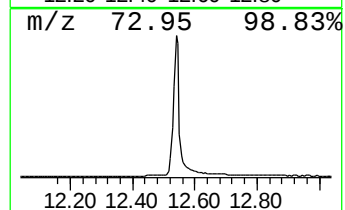
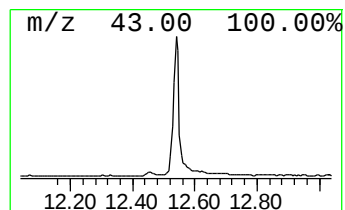
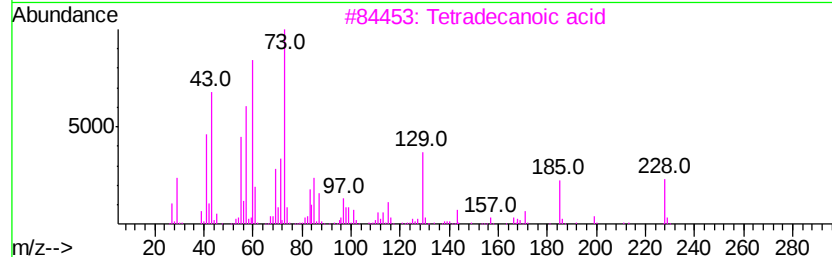
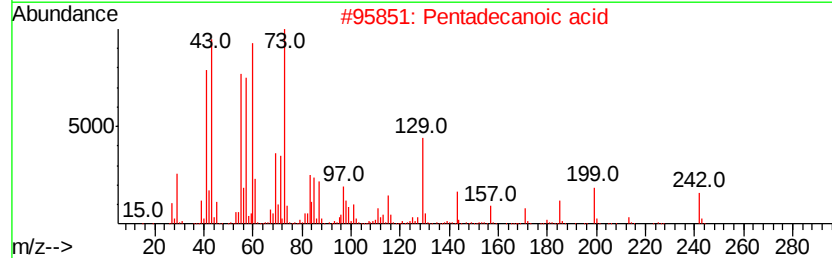
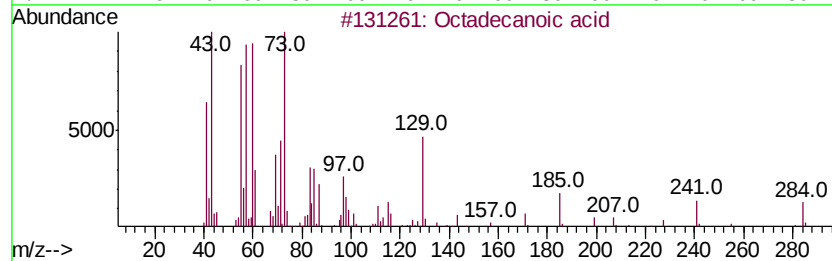
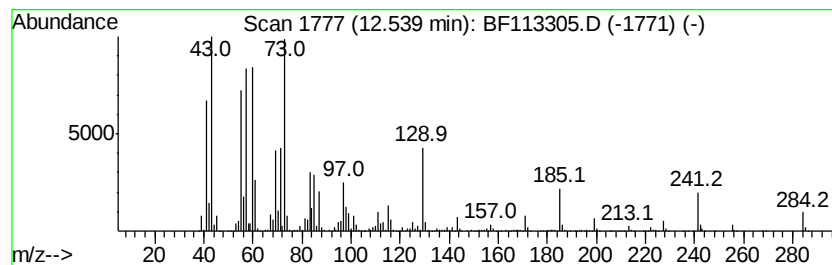
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	76.79 ng	3857880	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
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Acq On : 26 Mar 2019 21:51
Operator : JU/SJ
Sample : K2099-07
Misc :
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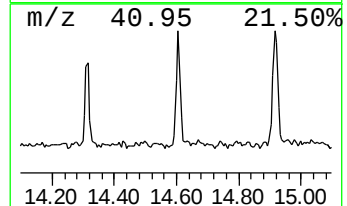
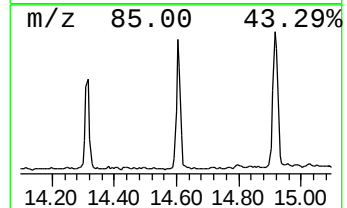
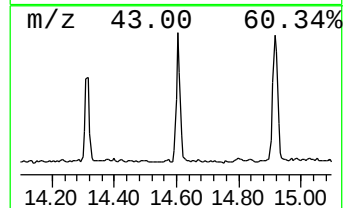
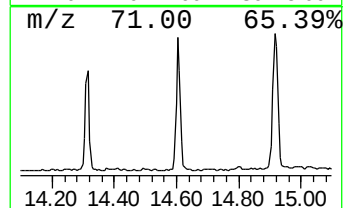
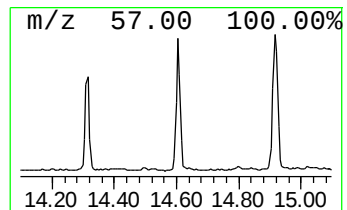
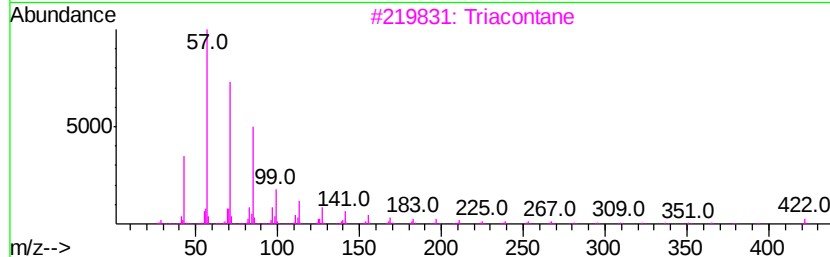
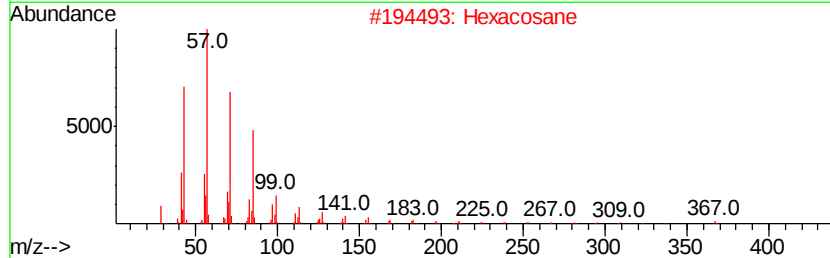
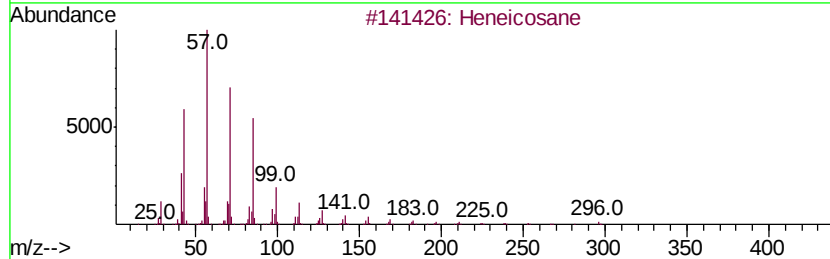
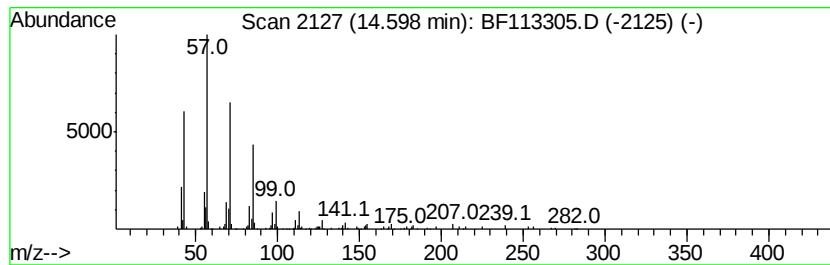
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ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.60	5.64 ng	295653	Perylene-d12	15.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113305.D
Acq On : 26 Mar 2019 21:51
Operator : JU/SJ
Sample : K2099-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

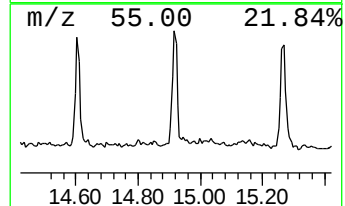
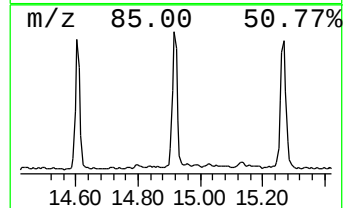
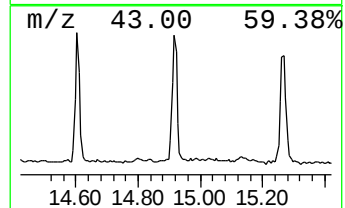
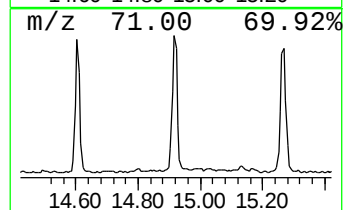
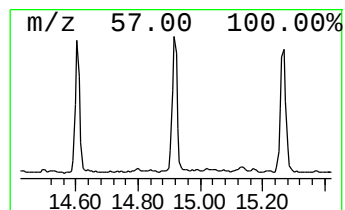
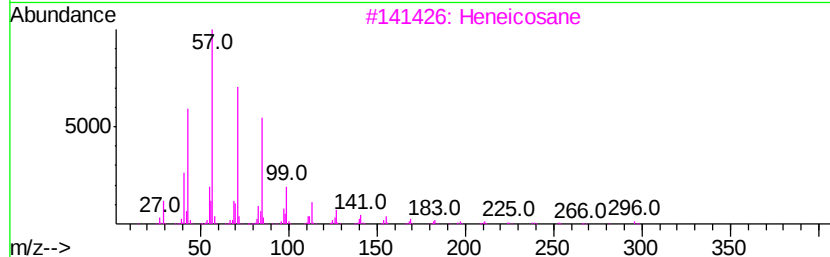
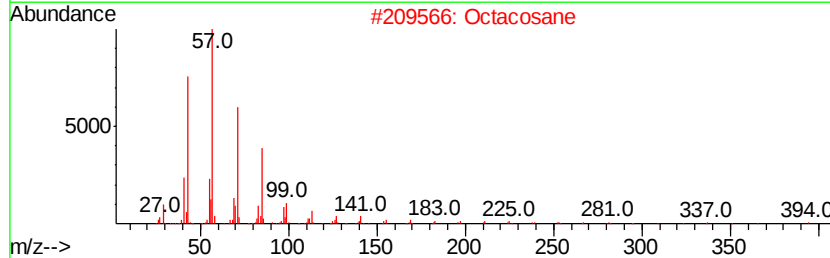
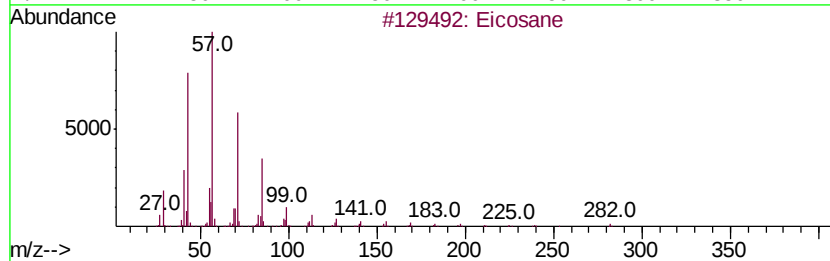
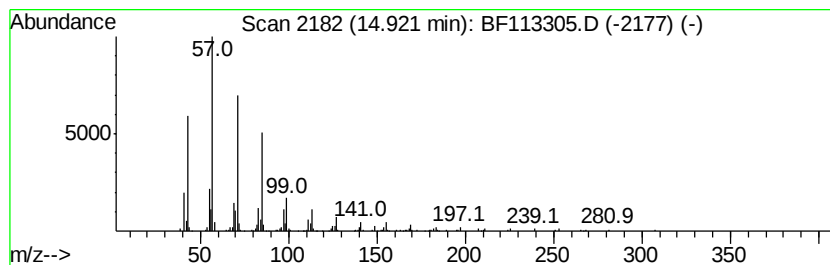
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	7.27 ng	381164	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113305.D
Acq On : 26 Mar 2019 21:51
Operator : JU/SJ
Sample : K2099-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

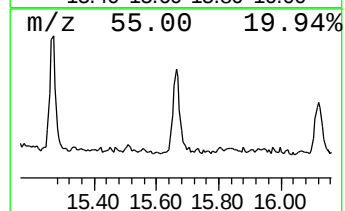
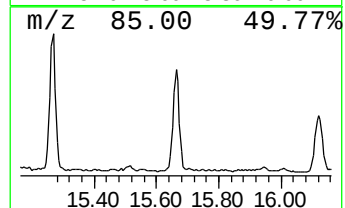
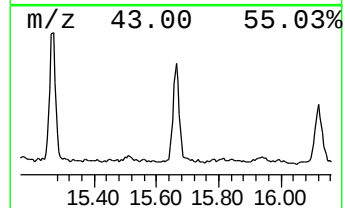
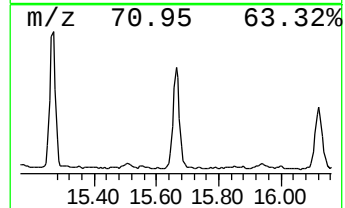
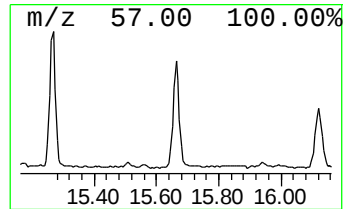
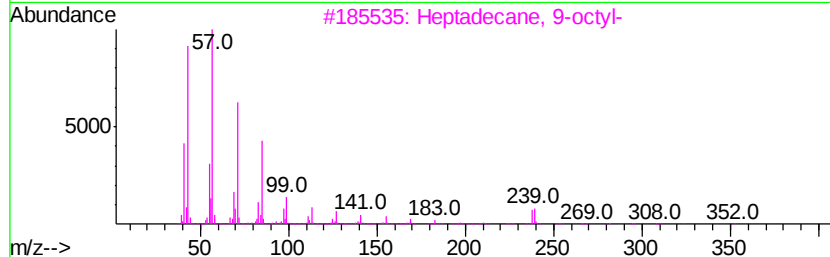
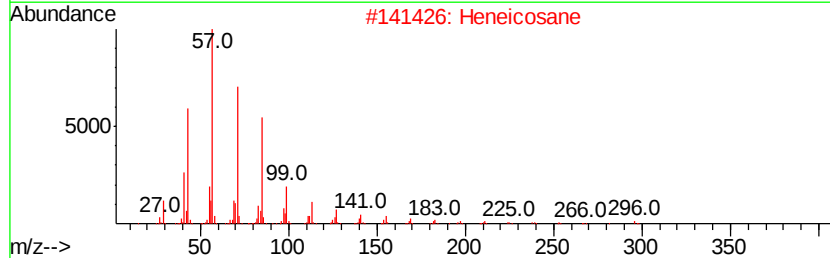
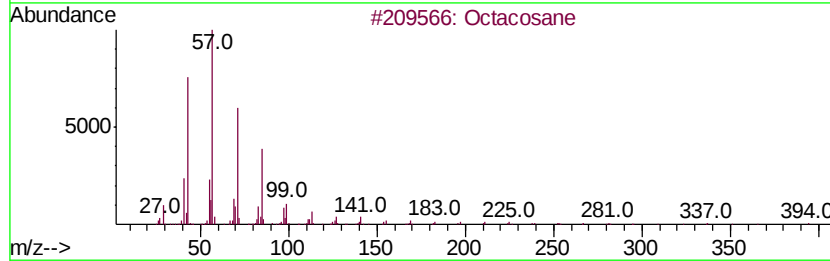
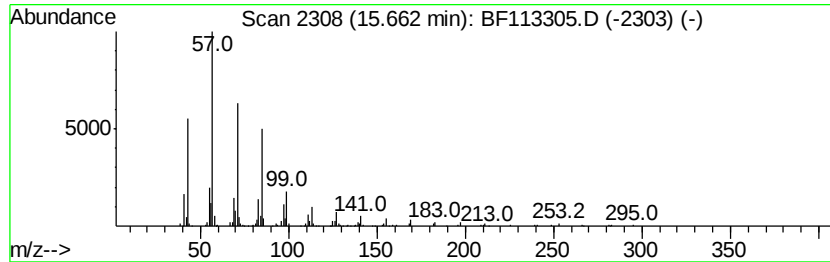
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	6.42 ng	336666	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Triacontane	422	C30H62	000638-68-6	91
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113305.D
 Acq On : 26 Mar 2019 21:51
 Operator : JU/SJ
 Sample : K2099-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
2-Pentene, 3,4-di...	2.71	4.6	ng	206665	1	6.70	899005	20.0
Cyclohexane, ethyl-	4.83	4.9	ng	218533	1	6.70	899005	20.0
Benzene, (1-methy...	5.86	5.2	ng	231697	1	6.70	899005	20.0
Benzene, propyl-	6.16	10.8	ng	485680	1	6.70	899005	20.0
unknown6.47	6.47	54.3	ng	2438410	1	6.70	899005	20.0
Benzene, cyclopro...	6.88	8.2	ng	367620	1	6.70	899005	20.0
Benzene, 1,3-diet...	6.96	8.4	ng	380045	1	6.70	899005	20.0
Benzene, 1,4-diet...	7.03	18.3	ng	821707	1	6.70	899005	20.0
Benzene, 1,2,4,5-...	7.47	8.4	ng	719107	2	7.98	1710930	20.0
Benzene, 1,2,3,4-...	7.50	5.2	ng	445724	2	7.98	1710930	20.0
Benzene, 1-etheny...	7.66	8.2	ng	698863	2	7.98	1710930	20.0
Benzene, 2-etheny...	7.73	14.3	ng	1226290	2	7.98	1710930	20.0
Dodecane, 4,6-dim...	8.42	4.8	ng	406786	2	7.98	1710930	20.0
n-Hexadecanoic acid	11.76	58.1	ng	3662330	4	11.21	1261290	20.0
unknown11.82	11.82	5.0	ng	315163	4	11.21	1261290	20.0
Octadecanoic acid	12.54	76.8	ng	3857880	5	13.83	1004810	20.0
Heneicosane	14.60	5.6	ng	295653	6	15.23	1048770	20.0
Eicosane	14.92	7.3	ng	381164	6	15.23	1048770	20.0
Octacosane	15.66	6.4	ng	336666	6	15.23	1048770	20.0