

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111630.D
 Acq On : 20 Dec 2018 10:58
 Operator : JU/SJ
 Sample : J6469-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-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-BF121918.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	5.528	575	585	588	rBV	5514324	6331524	27.40%	1.110%
2	6.434	736	739	742	rVV2	2059691	2567952	11.11%	0.450%
3	6.528	747	755	759	rBV3	5436750	8526995	36.91%	1.495%
4	6.669	772	779	784	rBV	5859192	7377600	31.93%	1.294%
5	6.734	786	790	795	rBV2	5049893	7423664	32.13%	1.302%
6	6.898	815	818	820	rVV2	2059707	1952252	8.45%	0.342%
7	6.963	826	829	834	rVB2	2213928	2213720	9.58%	0.388%
8	7.057	841	845	848	rVV	6180708	6033759	26.12%	1.058%
9	7.151	856	861	863	rBV3	1239980	1680493	7.27%	0.295%
10	7.181	863	866	869	rVB2	3813288	3690064	15.97%	0.647%
11	7.222	869	873	875	rBV2	4607332	4883214	21.14%	0.856%
12	7.245	875	877	881	rVB	2091181	1922880	8.32%	0.337%
13	7.298	882	886	890	rBV2	3679653	3510173	15.19%	0.616%
14	7.369	895	898	900	rBV	1666292	1677493	7.26%	0.294%
15	7.392	900	902	906	rVB	1765700	1670970	7.23%	0.293%
16	7.445	906	911	912	rBV	4702341	5677374	24.57%	0.996%
17	7.463	912	914	918	rVV2	3366655	3888576	16.83%	0.682%
18	7.510	918	922	924	rVB	8327316	8132951	35.20%	1.426%
19	7.557	924	930	933	rVB5	2076011	2932551	12.69%	0.514%
20	7.675	945	950	952	rBV	2073791	2448243	10.60%	0.429%
21	7.704	952	955	960	rVB2	3828452	5529188	23.93%	0.970%
22	7.792	966	970	971	rBV	1908842	1839179	7.96%	0.323%
23	7.834	975	977	980	rVV3	2278688	2837014	12.28%	0.498%
24	7.857	980	981	983	rVV	2105324	2055200	8.90%	0.360%
25	7.875	983	984	987	rVB	3033301	2252899	9.75%	0.395%
26	7.910	987	990	991	rBV	4242286	4025971	17.43%	0.706%
27	7.928	991	993	994	rVV	4456618	3668668	15.88%	0.643%
28	7.945	994	996	1000	rVB3	3930582	4904371	21.23%	0.860%
29	7.987	1000	1003	1005	rBV	2837015	3041363	13.16%	0.533%
30	8.028	1008	1010	1013	rVB	4312937	3548782	15.36%	0.622%
31	8.151	1025	1031	1032	rBV4	2423007	3632308	15.72%	0.637%
32	8.181	1032	1036	1038	rVV2	12596898	14772535	63.94%	2.591%
33	8.204	1038	1040	1043	rVV4	2795131	3475544	15.04%	0.609%
34	8.239	1043	1046	1047	rVV	2603988	2788598	12.07%	0.489%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.257	1047	1049	1051	rVB	4380706	3356123	14.53%	0.589%
36	8.281	1051	1053	1056	rBV2	1828465	1673159	7.24%	0.293%
37	8.363	1061	1067	1069	rBV5	1675182	3254423	14.09%	0.571%
38	8.386	1069	1071	1075	rVB2	4080792	3794994	16.43%	0.665%
39	8.434	1075	1079	1082	rBV3	2516247	2712072	11.74%	0.476%
40	8.469	1082	1085	1086	rBV	2476868	2274263	9.84%	0.399%
41	8.486	1086	1088	1091	rVB3	3199422	2784878	12.05%	0.488%
42	8.539	1095	1097	1100	rVB3	3915877	3521174	15.24%	0.617%
43	8.575	1100	1103	1106	rBV2	6327657	6266622	27.12%	1.099%
44	8.622	1106	1111	1115	rBV3	5674490	6970930	30.17%	1.222%
45	8.657	1115	1117	1120	rVB	2489786	2320682	10.04%	0.407%
46	8.698	1120	1124	1129	rBV2	8795450	10290118	44.54%	1.804%
47	8.798	1136	1141	1144	rBV2	11927426	16654831	72.09%	2.921%
48	8.857	1148	1151	1153	rVB2	4022001	3854806	16.68%	0.676%
49	8.886	1153	1156	1158	rBV2	2358300	2306360	9.98%	0.404%
50	8.904	1158	1159	1163	rVB2	3814605	2956006	12.79%	0.518%
51	8.951	1163	1167	1169	rBV2	1837032	2124678	9.20%	0.373%
52	9.022	1173	1179	1181	rBV2	6801303	8614611	37.29%	1.511%
53	9.075	1186	1188	1190	rBV2	2483707	2438422	10.55%	0.428%
54	9.139	1195	1199	1200	rBV3	1789381	2378435	10.29%	0.417%
55	9.157	1200	1202	1206	rVB2	5794704	5562367	24.08%	0.975%
56	9.198	1206	1209	1212	rBV2	4186137	5634262	24.39%	0.988%
57	9.228	1212	1214	1217	rVB2	6602097	6075785	26.30%	1.065%
58	9.269	1217	1221	1226	rVB2	5836835	6464926	27.98%	1.134%
59	9.310	1226	1228	1231	rBV2	1826120	1686055	7.30%	0.296%
60	9.375	1231	1239	1242	rBV	12633068	23104041	100.00%	4.052%
61	9.428	1242	1248	1250	rBV2	4794572	7341484	31.78%	1.287%
62	9.533	1261	1266	1272	rBV3	4388121	8562266	37.06%	1.501%
63	9.616	1273	1280	1282	rBV4	6265749	11733715	50.79%	2.058%
64	9.639	1282	1284	1286	rVV2	6639044	6037745	26.13%	1.059%
65	9.692	1286	1293	1294	rVV4	9198924	16835115	72.87%	2.952%
66	9.710	1294	1296	1298	rVV	7821131	6938118	30.03%	1.217%
67	9.745	1298	1302	1304	rVB3	6265208	7554369	32.70%	1.325%
68	9.875	1322	1324	1326	rVV2	3595049	4127082	17.86%	0.724%
69	9.916	1326	1331	1333	rVV	10693249	16272037	70.43%	2.853%
70	9.939	1333	1335	1341	rVB6	3668495	5800875	25.11%	1.017%
71	10.063	1354	1356	1360	rVB3	3113209	3842301	16.63%	0.674%

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72	10.128	1364	1367	1370	rVV3	3657470	5757489	24.92%	1.010%
73	10.163	1370	1373	1375	rVV2	5037080	5411541	23.42%	0.949%
74	10.186	1375	1377	1379	rVV	2118879	2041534	8.84%	0.358%
75	10.222	1381	1383	1387	rVB3	5374493	5891709	25.50%	1.033%
76	10.280	1391	1393	1396	rBV3	2341121	3135986	13.57%	0.550%
77	10.416	1407	1416	1418	rBV	10242221	21609315	93.53%	3.789%
78	10.528	1433	1435	1438	rBV3	1791937	1756591	7.60%	0.308%
79	10.628	1445	1452	1456	rBV	8286875	14209380	61.50%	2.492%
80	10.704	1462	1465	1468	rBV2	3761858	4029550	17.44%	0.707%
81	10.739	1468	1471	1476	rVB4	4691415	5489499	23.76%	0.963%
82	10.892	1490	1497	1498	rBV2	9327831	18654651	80.74%	3.271%
83	11.016	1516	1518	1521	rBV2	1950227	2337340	10.12%	0.410%
84	11.127	1535	1537	1540	rBV3	2084586	2004778	8.68%	0.352%
85	11.333	1566	1572	1574	rBV	9222912	14277505	61.80%	2.504%
86	11.363	1574	1577	1581	rVB	8349712	8633838	37.37%	1.514%
87	11.586	1613	1615	1619	rVV	2270873	1753267	7.59%	0.307%
88	11.622	1619	1621	1625	rVB2	2551204	2434206	10.54%	0.427%
89	11.692	1631	1633	1637	rVB	3064169	3436632	14.87%	0.603%
90	11.751	1638	1643	1646	rVB	9486628	13724441	59.40%	2.407%
91	12.151	1706	1711	1714	rVB	10130208	12826039	55.51%	2.249%
92	12.422	1754	1757	1760	rVV2	2163460	2083805	9.02%	0.365%
93	12.486	1765	1768	1771	rVB3	1904931	1910869	8.27%	0.335%
94	12.533	1771	1776	1779	rVB	10289664	11096268	48.03%	1.946%
95	12.898	1834	1838	1840	rVB	8672874	8305333	35.95%	1.456%
96	13.010	1853	1857	1868	rVB	5600612	7044231	30.49%	1.235%
97	13.245	1893	1897	1900	rVB	6541283	5765903	24.96%	1.011%
98	13.580	1951	1954	1958	rVB	4009672	3732610	16.16%	0.655%
99	13.910	2006	2010	2013	rVB	2238661	2167670	9.38%	0.380%
100	14.051	2029	2034	2038	rVB2	1377426	1696368	7.34%	0.297%

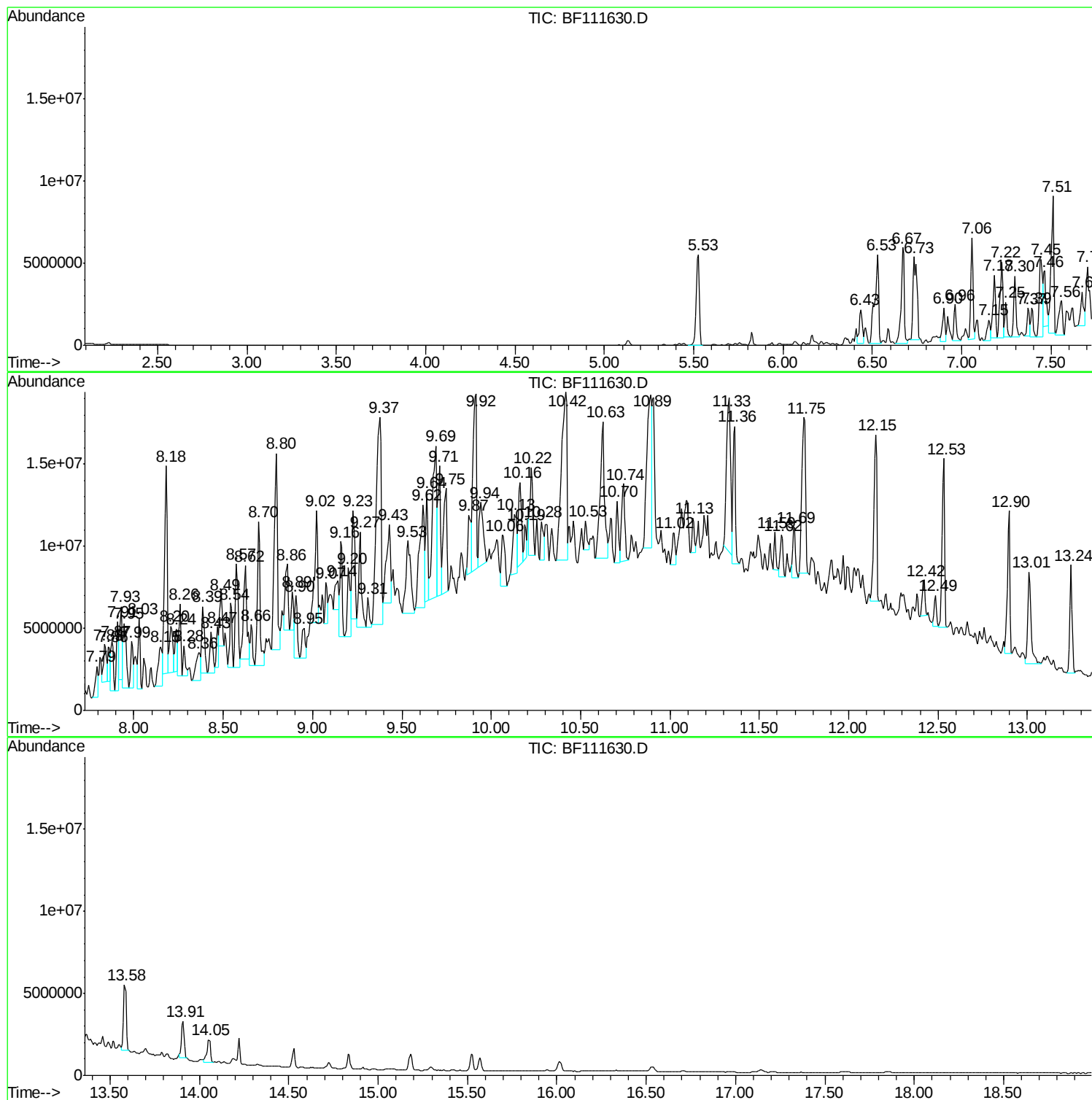
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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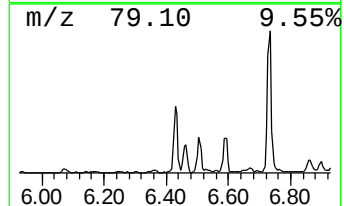
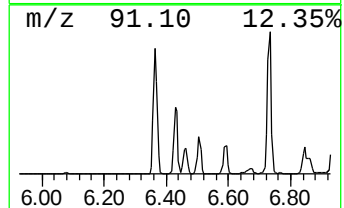
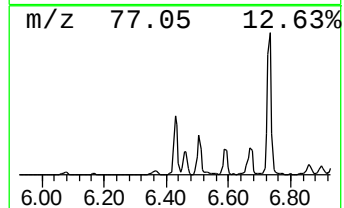
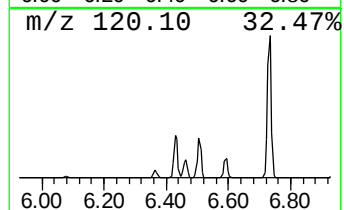
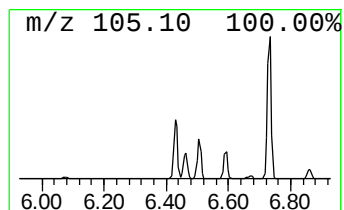
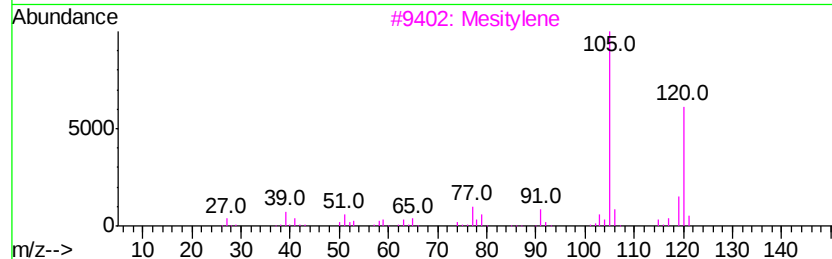
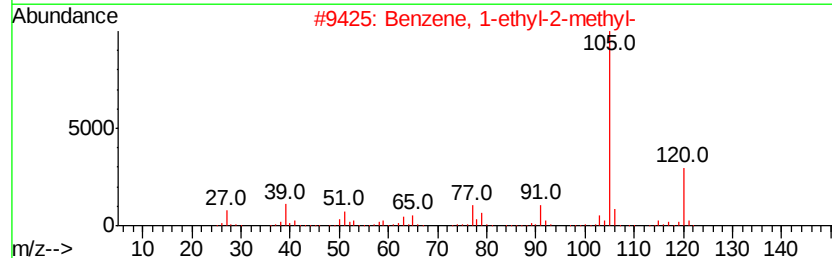
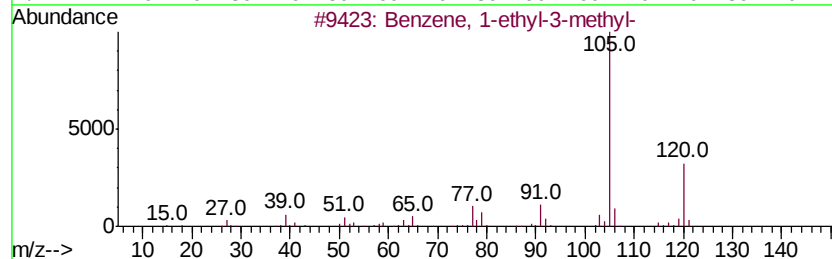
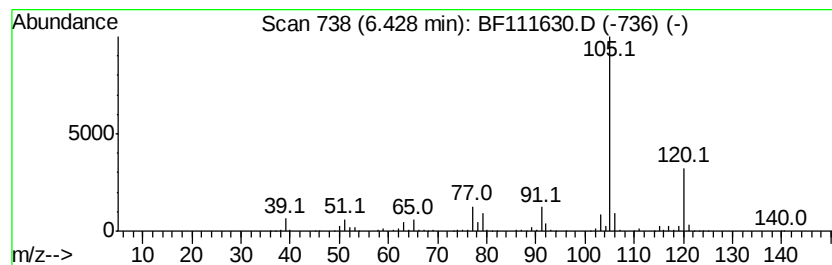
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	26.31 ng	2567950	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



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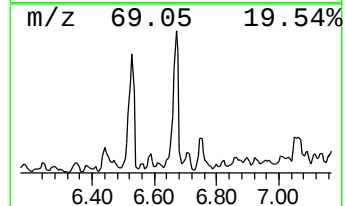
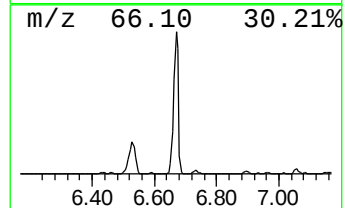
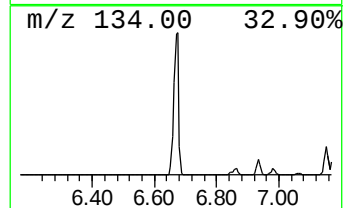
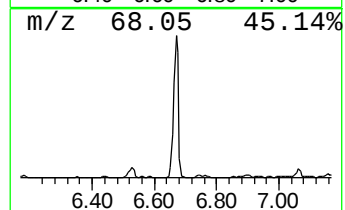
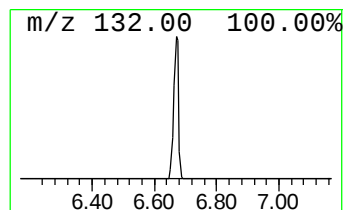
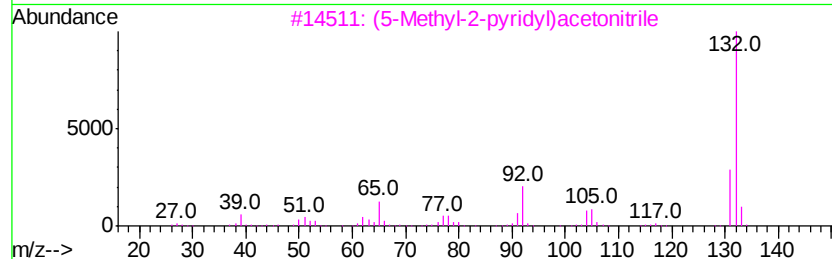
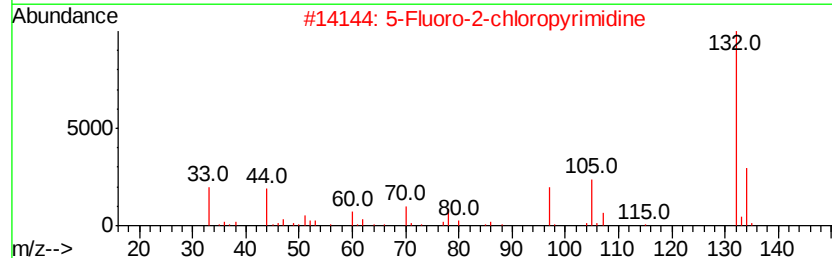
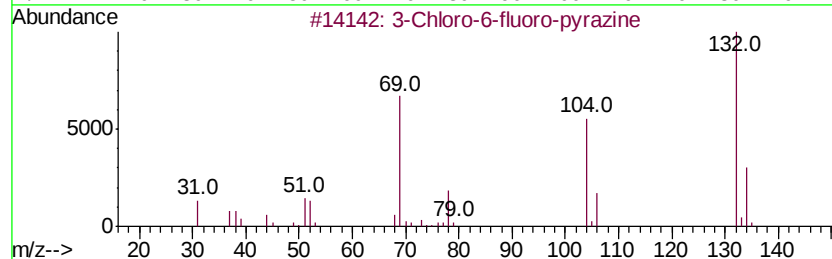
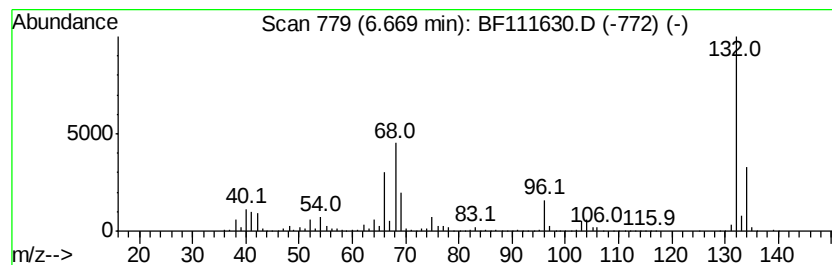
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	75.58 ng	7377600	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile			132	C8H8N2	1000241-93-9	10
4	Tranvlcypropine-propionyl			189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene, ...			132	C10H12	028749-81-7	9



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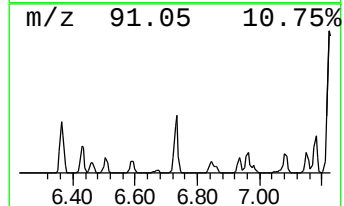
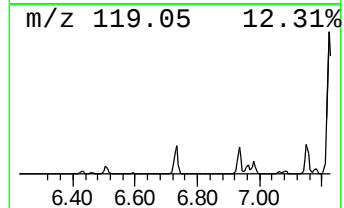
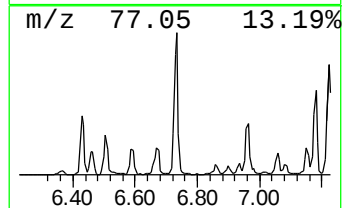
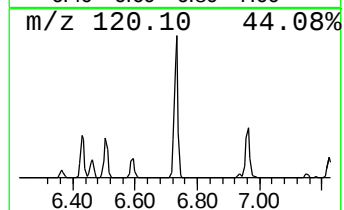
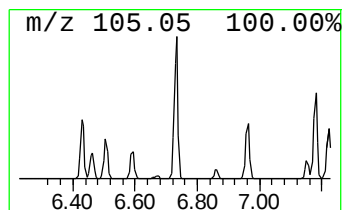
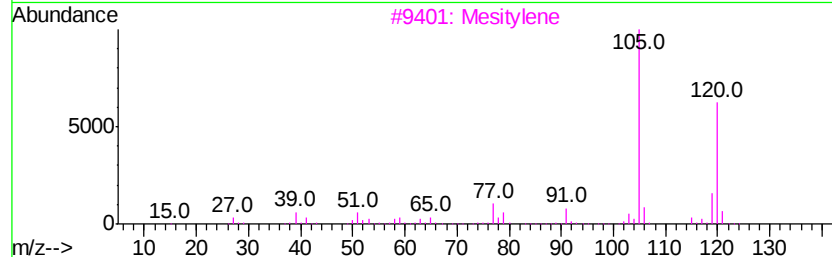
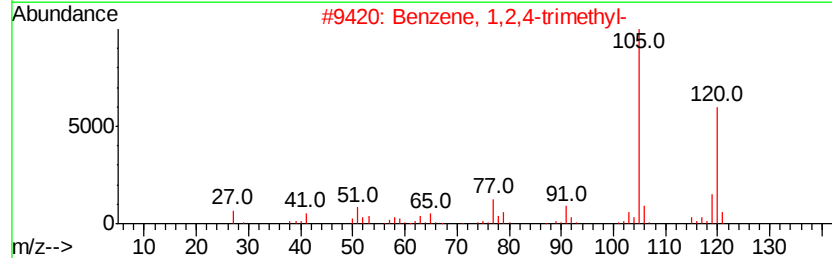
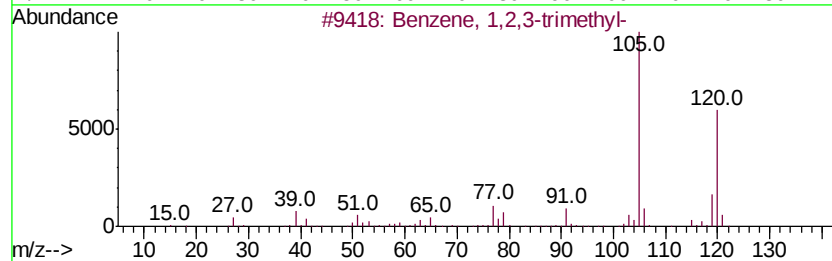
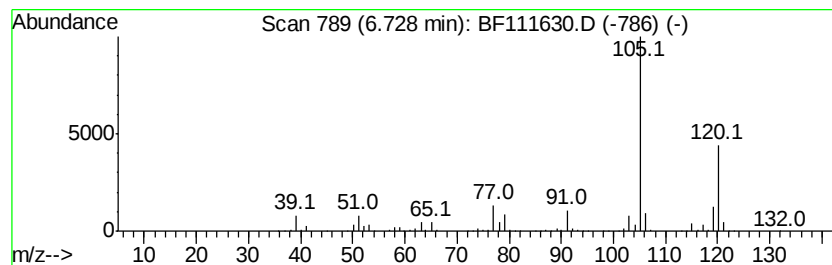
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	76.05 ng	7423660	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111630.D
Acq On : 20 Dec 2018 10:58
Operator : JU/SJ
Sample : J6469-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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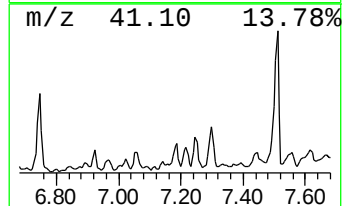
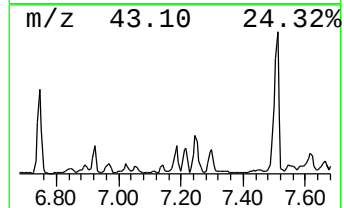
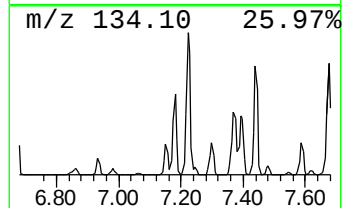
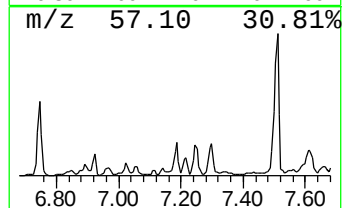
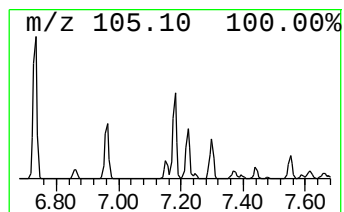
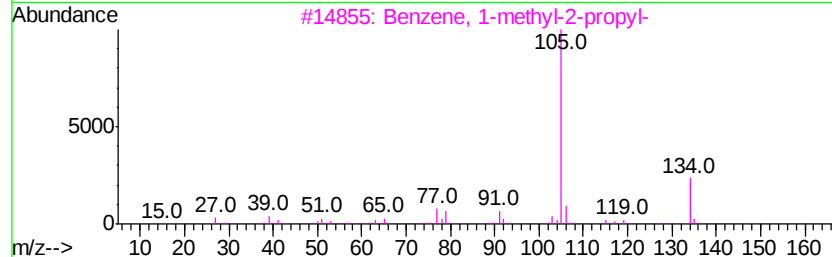
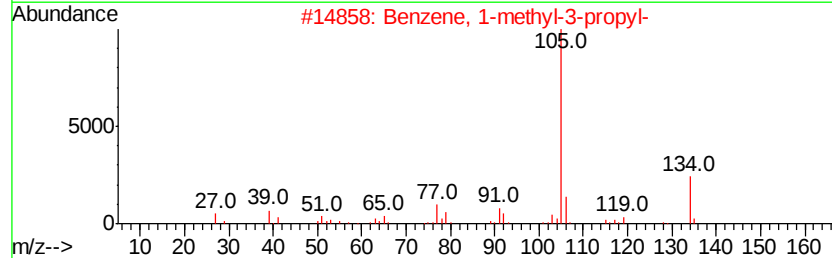
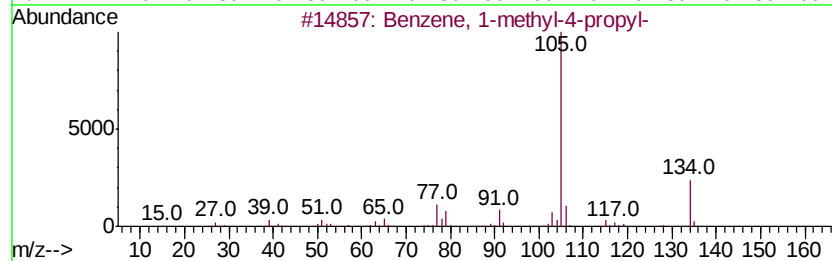
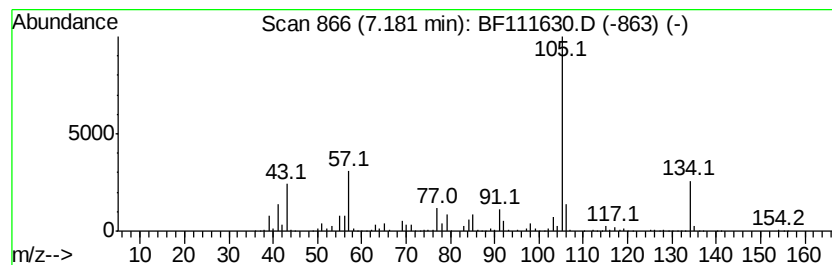
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	37.80 ng	3690060	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4		2-Tolyloxirane	134	C9H10O	002783-26-8	76
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111630.D
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ClientSampleId :
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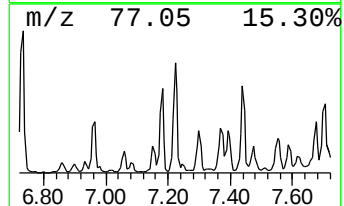
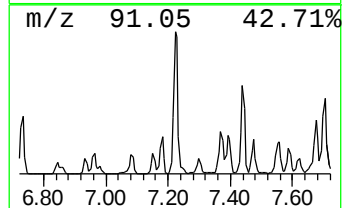
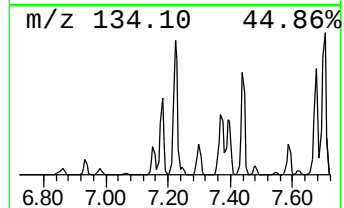
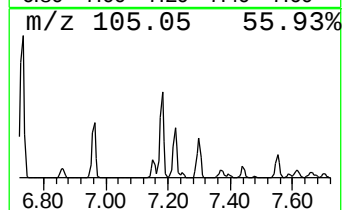
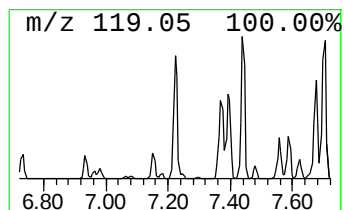
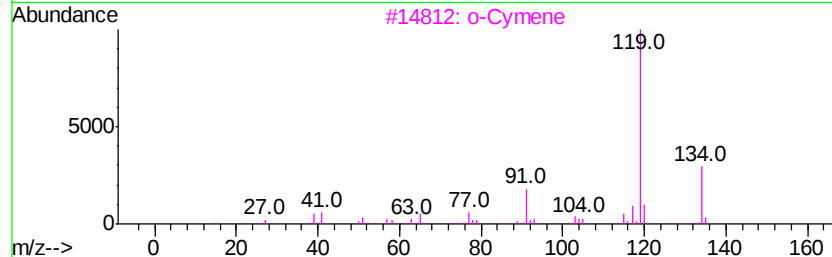
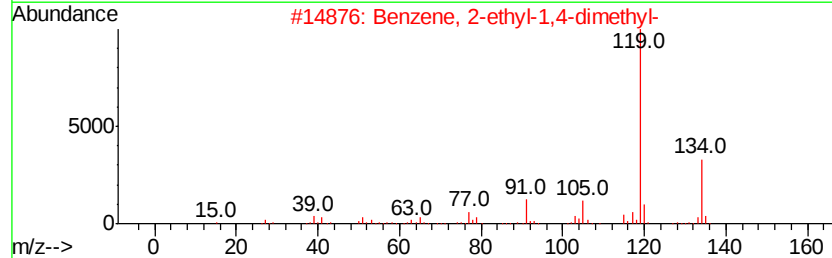
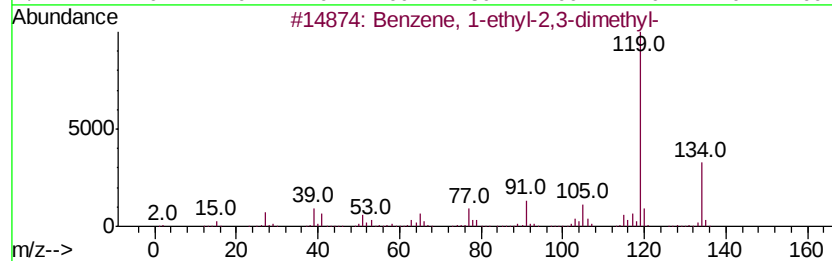
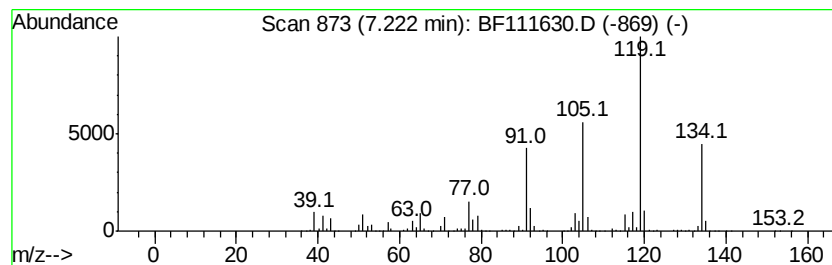
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	50.03 ng	4883210	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3		o-Cymene	134	C10H14	000527-84-4	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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Instrument :
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ClientSampleId :
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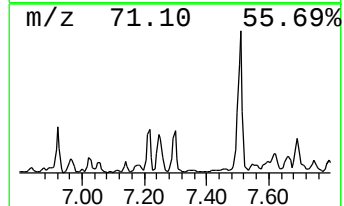
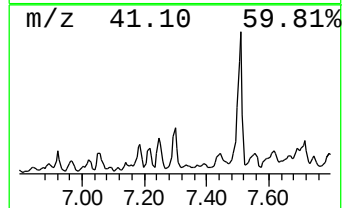
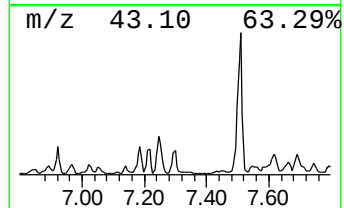
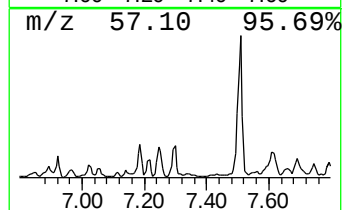
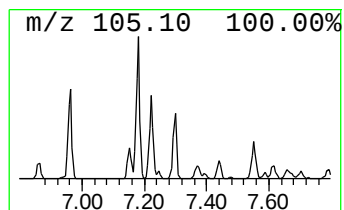
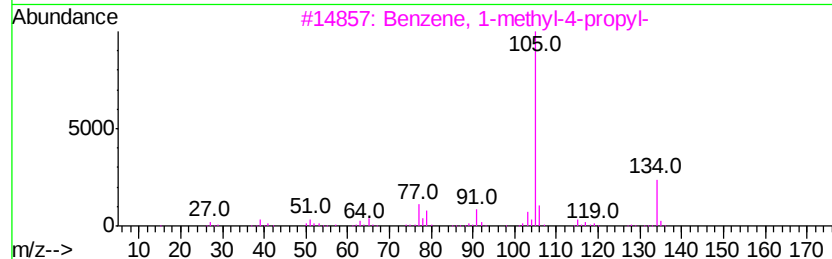
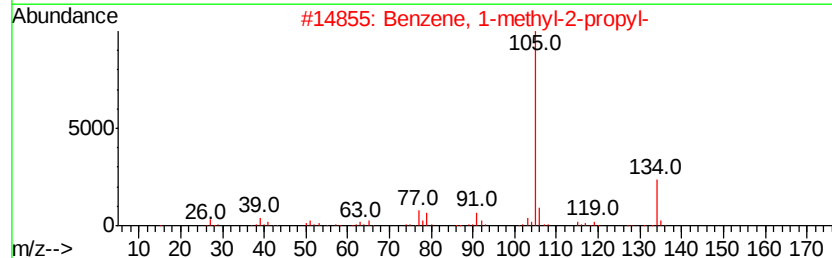
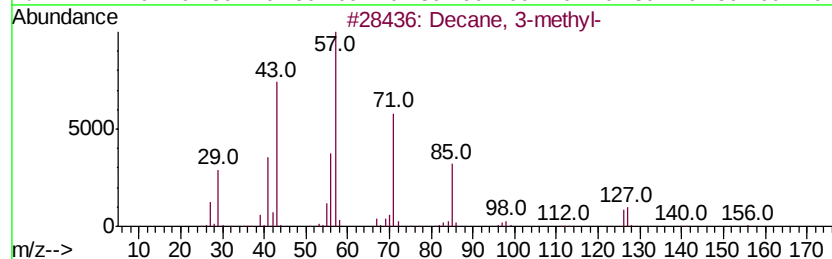
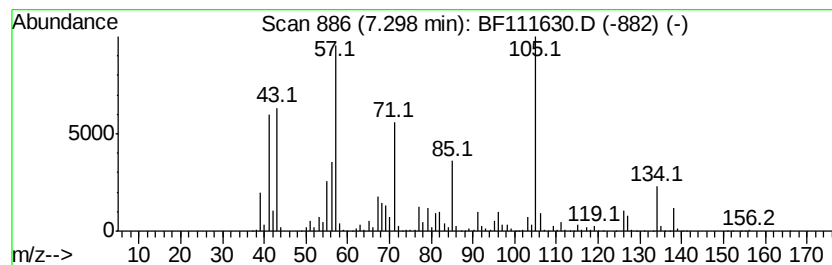
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	35.96 ng	3510170	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	91
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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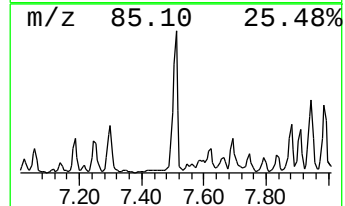
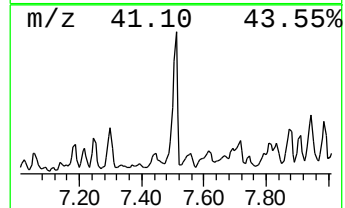
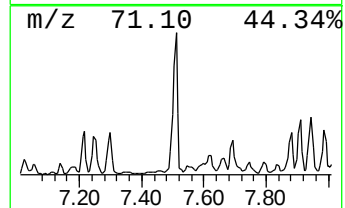
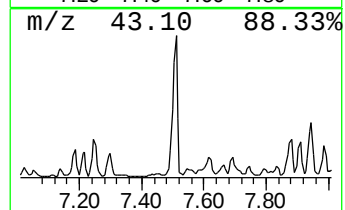
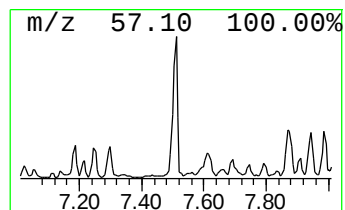
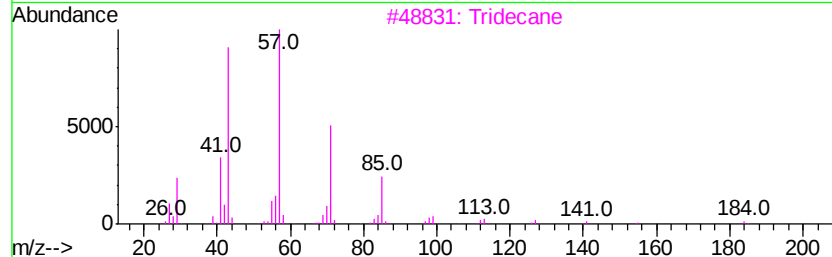
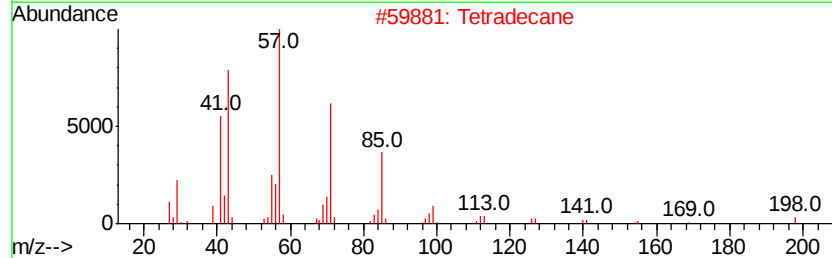
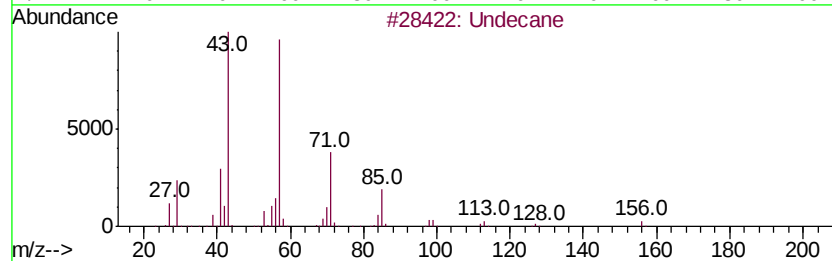
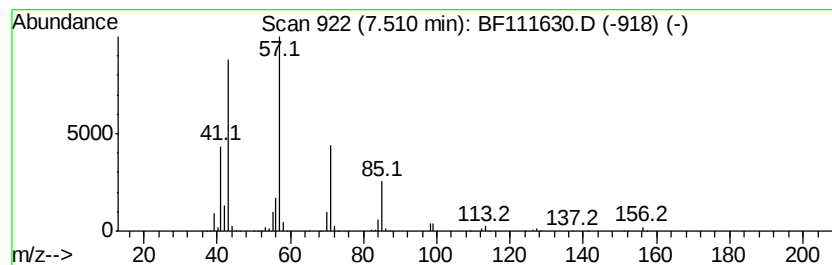
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	83.32 ng	8132950	1,4-Dichlorobenzene-d4	6.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tridecane		184	C13H28	000629-50-5	86
4	Decane		142	C10H22	000124-18-5	83
5	Sulfurous acid, hexyl octyl ester		278	C14H30O3S	1000309-13-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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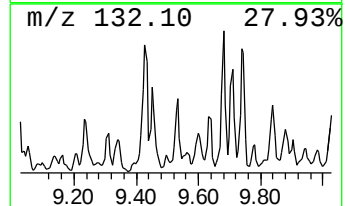
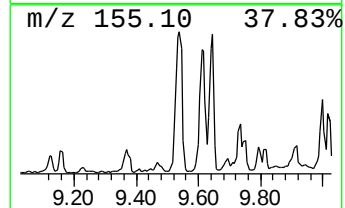
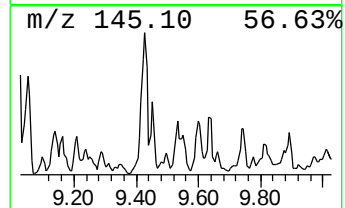
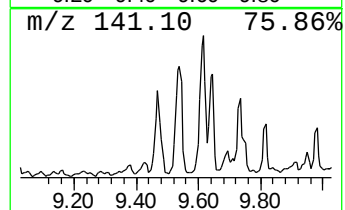
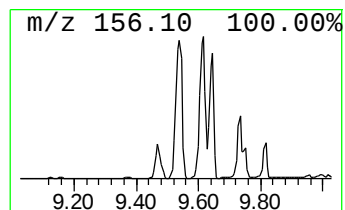
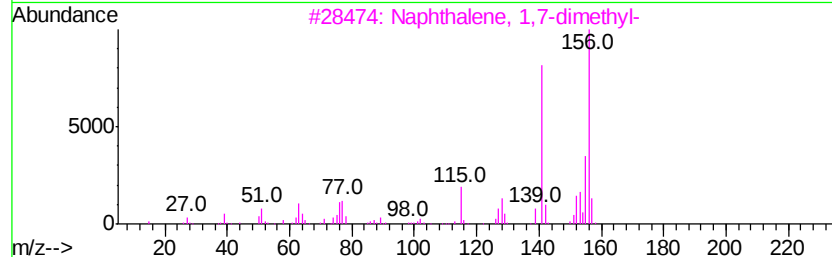
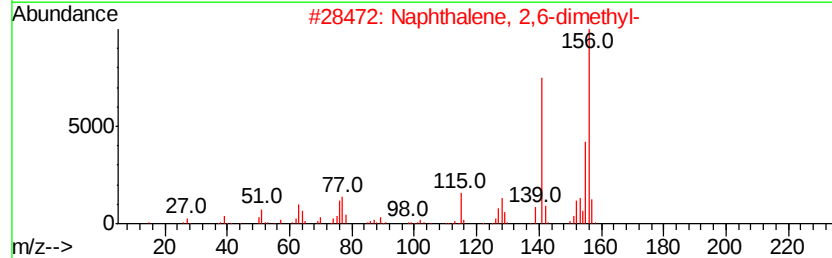
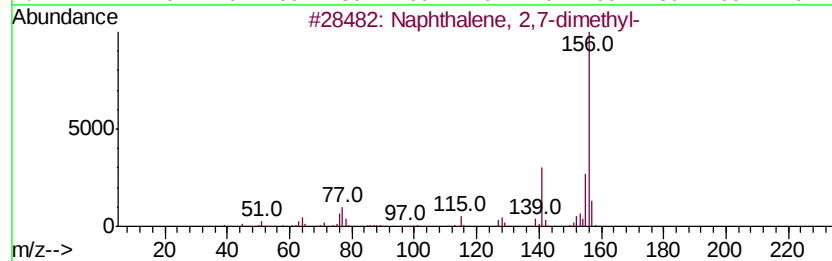
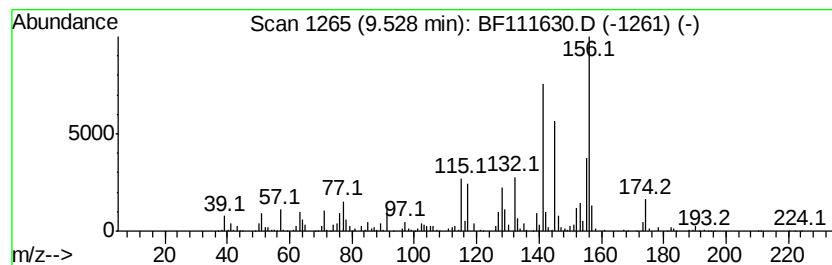
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	29.52 ng	8562270	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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Misc :
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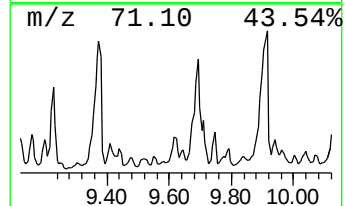
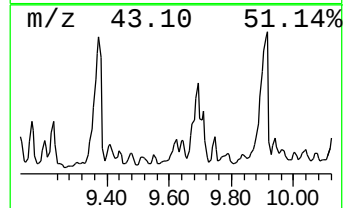
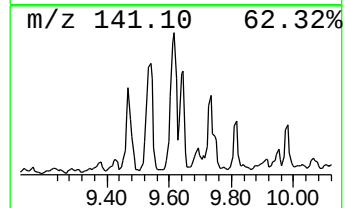
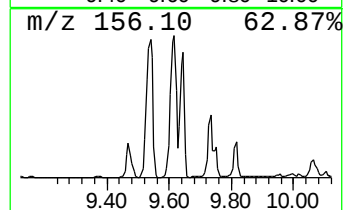
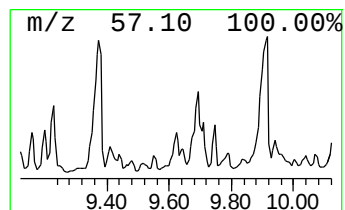
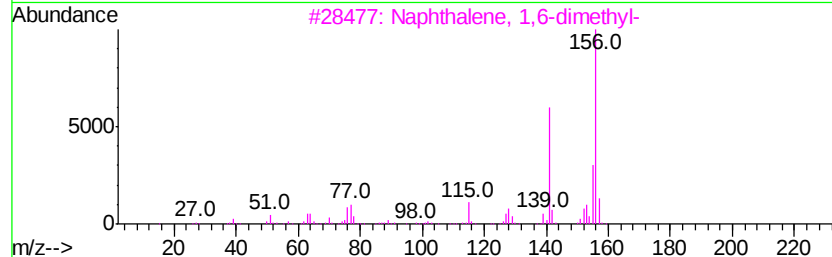
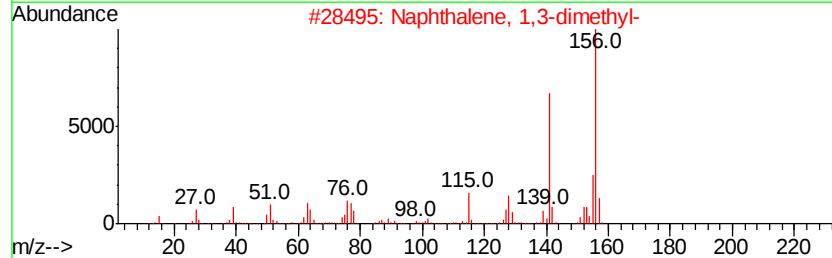
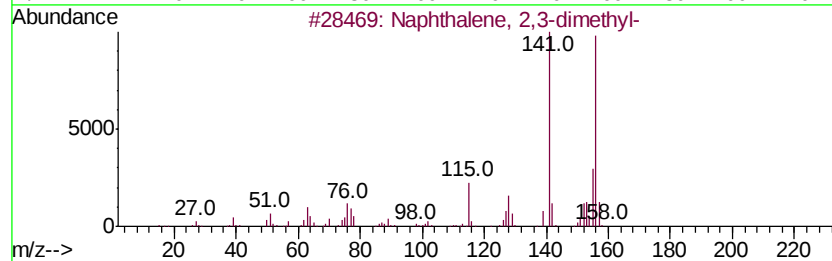
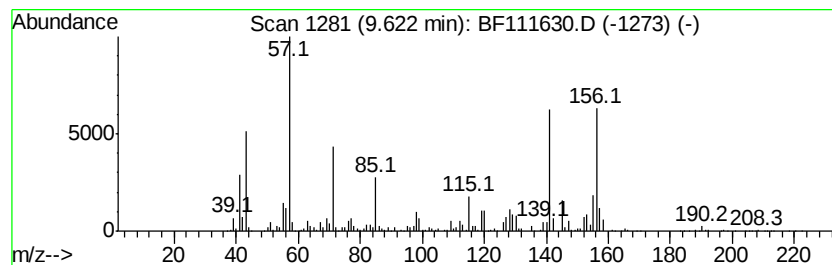
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	40.46 ng	11733700	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111630.D
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ALS Vial : 3 Sample Multiplier: 1

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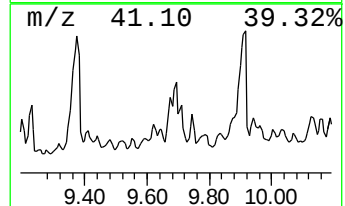
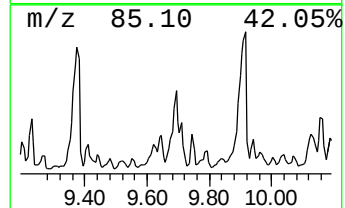
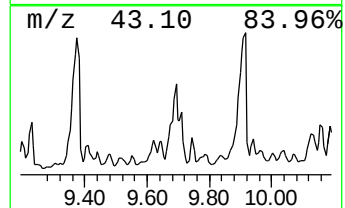
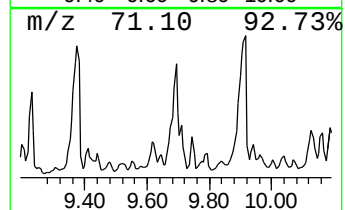
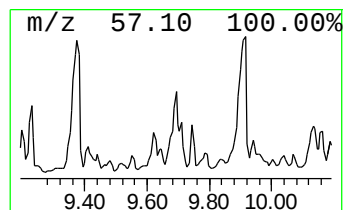
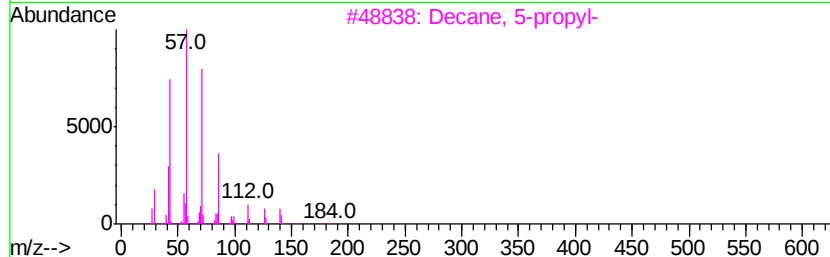
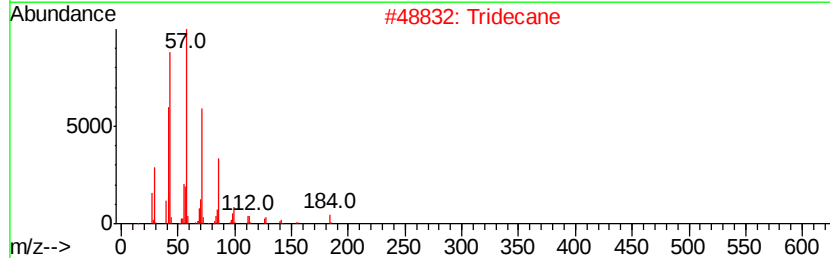
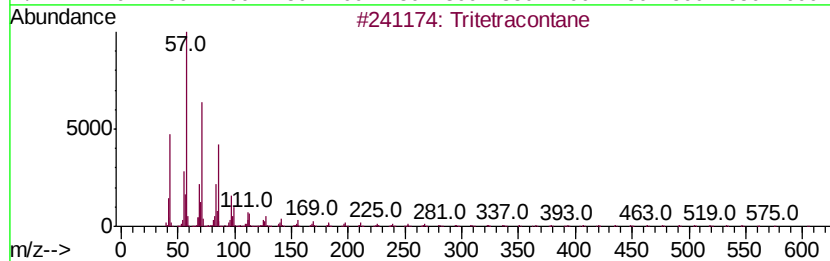
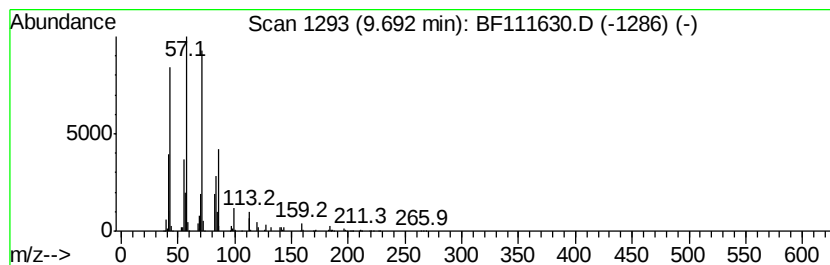
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tritetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	58.04 ng	16835100	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	86
2		Tridecane	184	C13H28	000629-50-5	53
3		Decane, 5-propyl-	184	C13H28	017312-62-8	52
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	50
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111630.D
Acq On : 20 Dec 2018 10:58
Operator : JU/SJ
Sample : J6469-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1

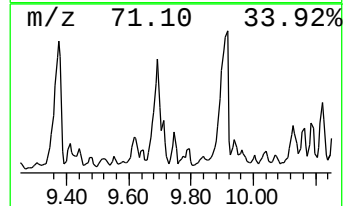
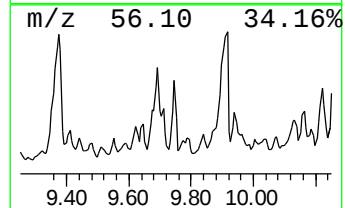
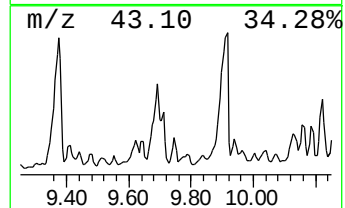
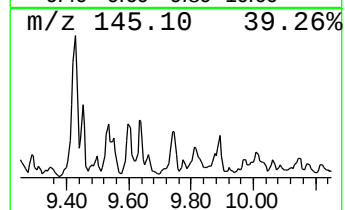
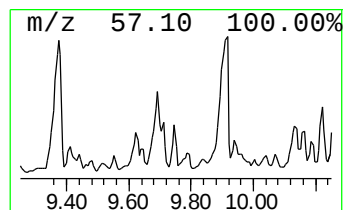
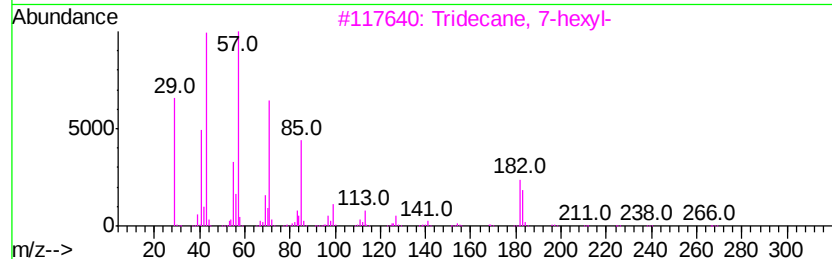
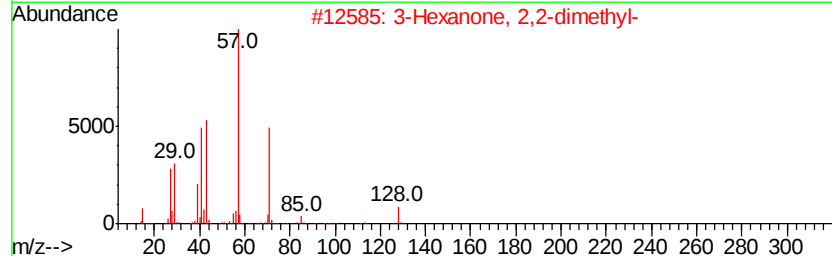
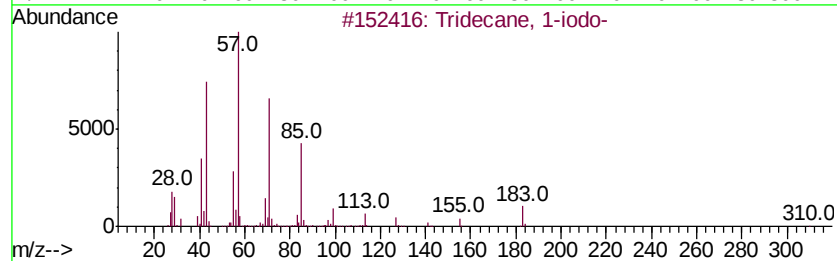
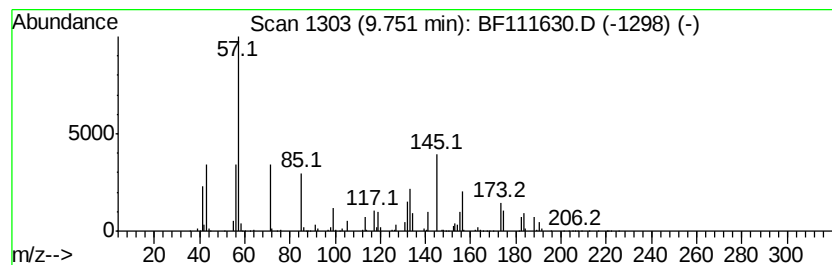
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.75 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	26.05 ng	7554370	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	11
2		3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	11
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	10
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	10
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111630.D
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Sample : J6469-01
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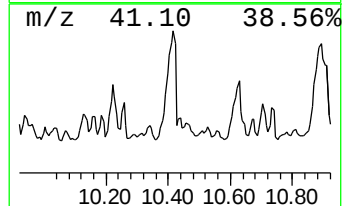
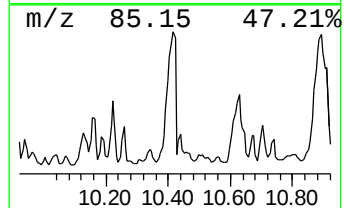
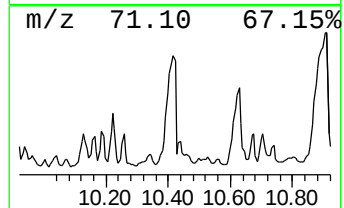
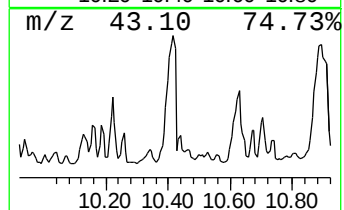
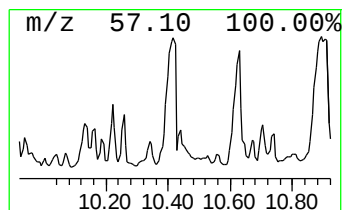
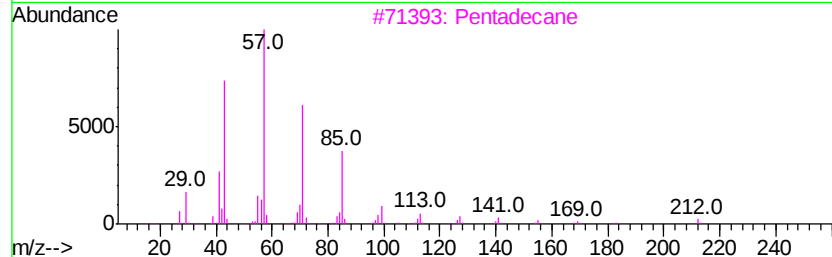
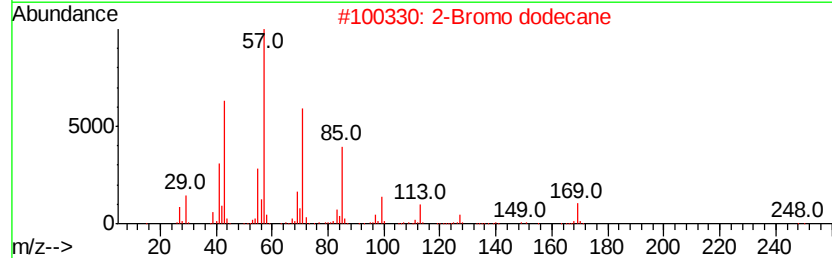
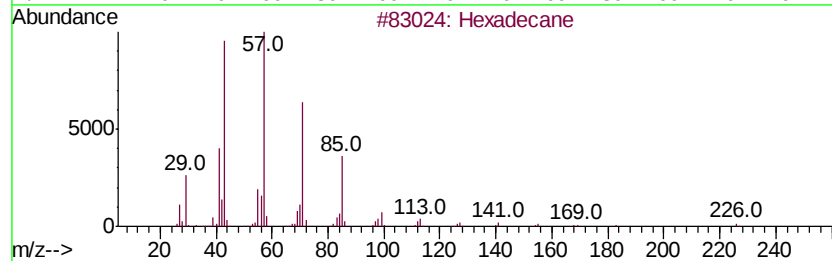
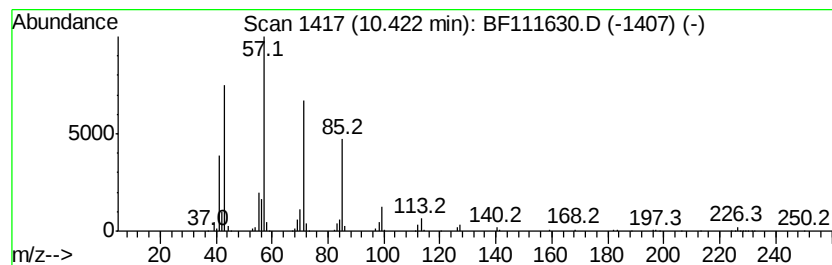
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.42	74.50 ng	21609300	Acenaphthene-d10		9.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tetratetracontane	619	C44H90	007098-22-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111630.D
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Sample : J6469-01
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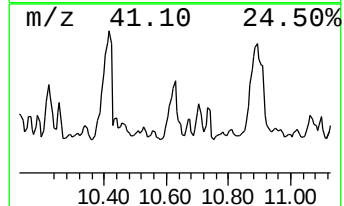
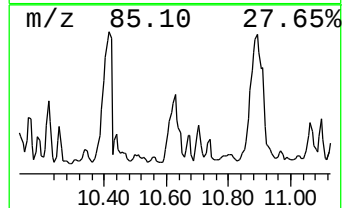
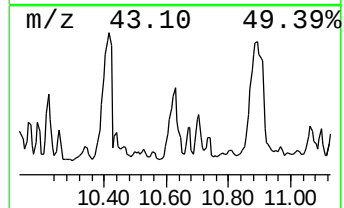
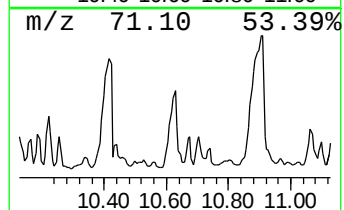
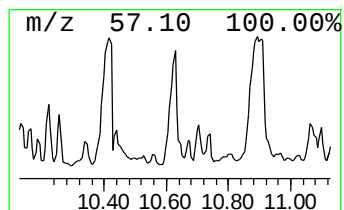
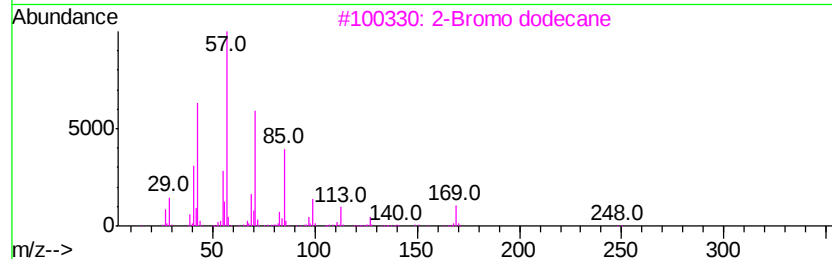
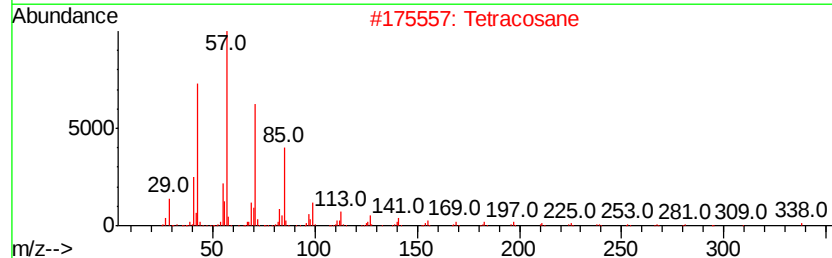
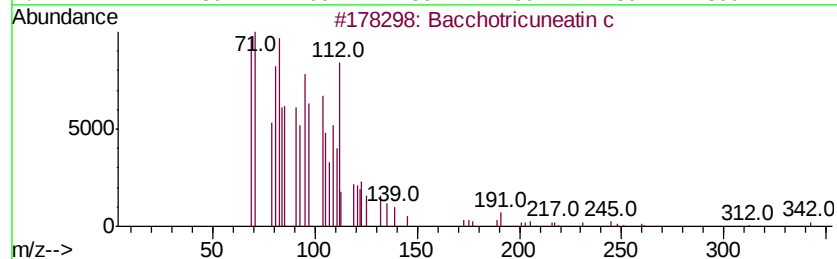
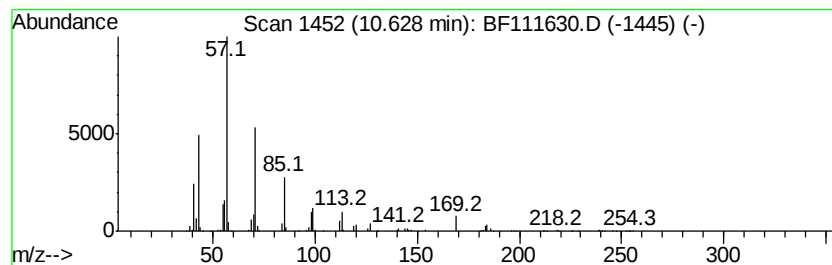
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	48.99 ng	14209400	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	87
2		Tetracosane	338	C24H50	000646-31-1	72
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	64
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	62
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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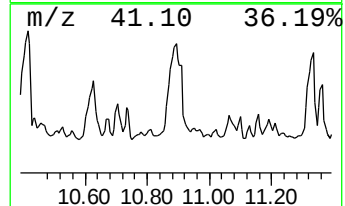
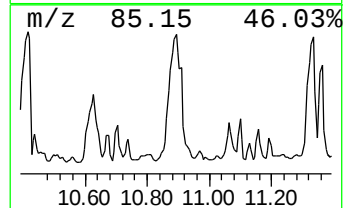
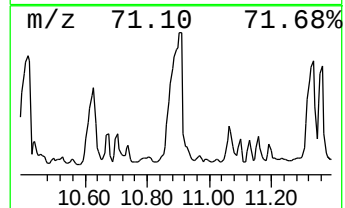
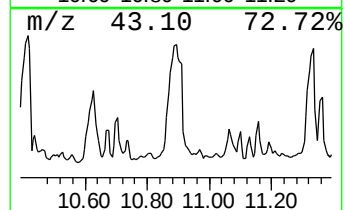
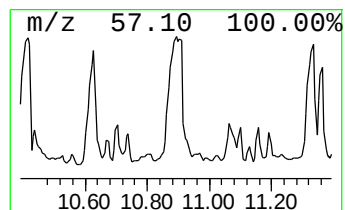
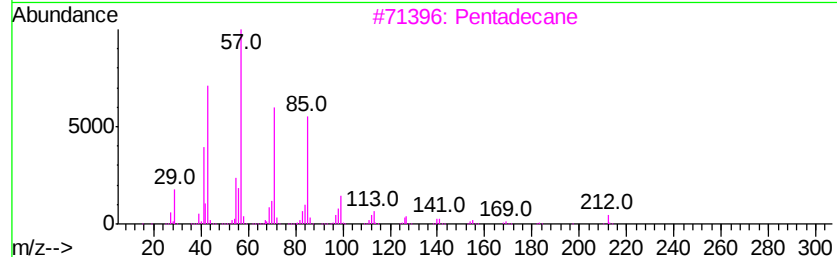
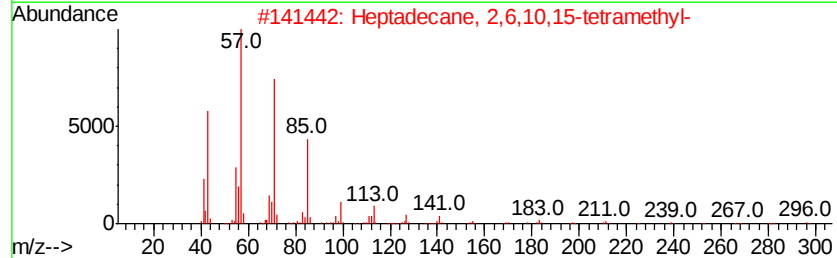
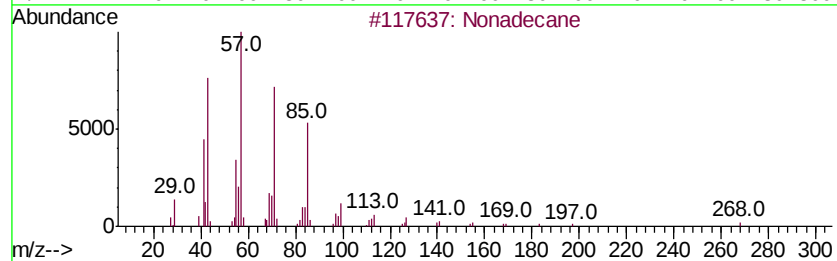
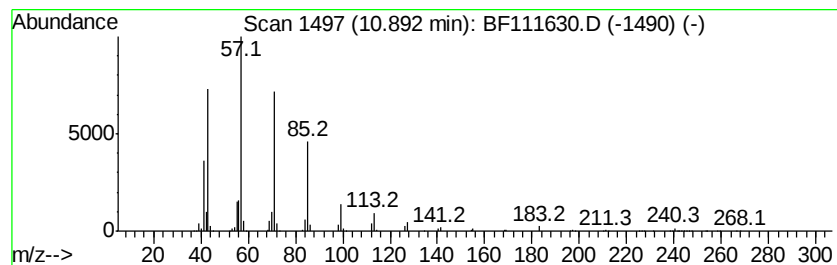
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	43.21 ng	18654700	Phenanthrene-d10	11.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane		268 C19H40	000629-92-5 93
2	Heptadecane, 2,6,10,15-tetramethyl-		296 C21H44	054833-48-6 91
3	Pentadecane		212 C15H32	000629-62-9 90
4	Sulfurous acid, 2-propyl tetra...		320 C17H36O3S	1000309-12-5 90
5	Hexadecane		226 C16H34	000544-76-3 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111630.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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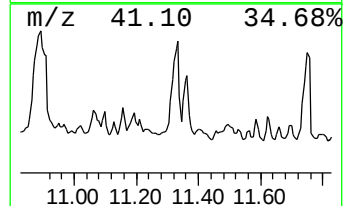
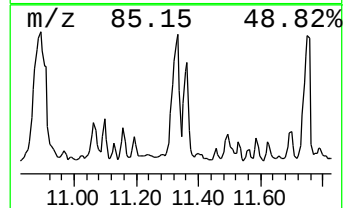
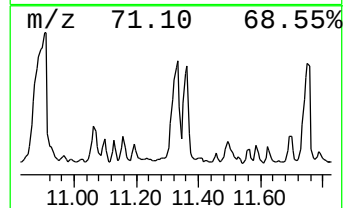
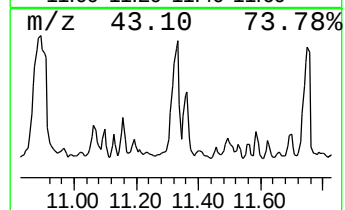
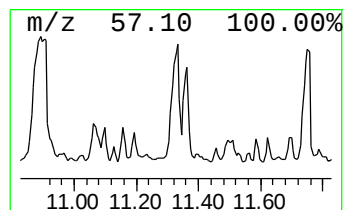
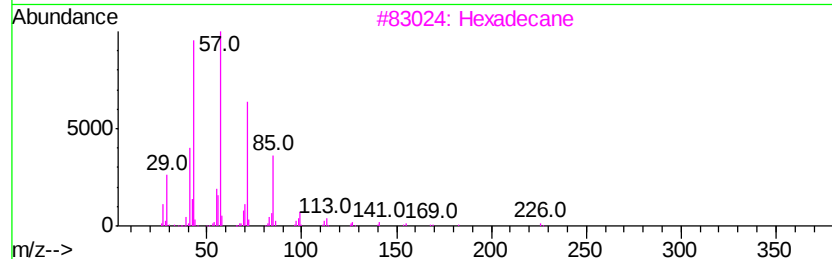
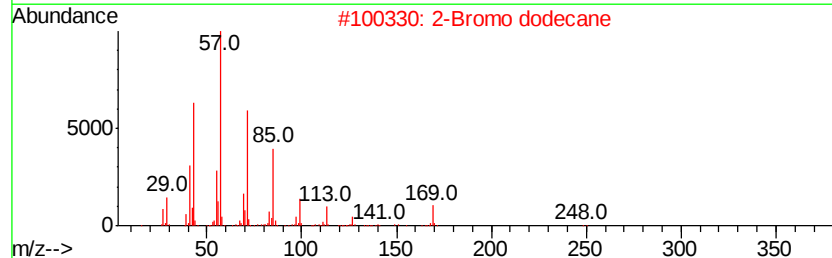
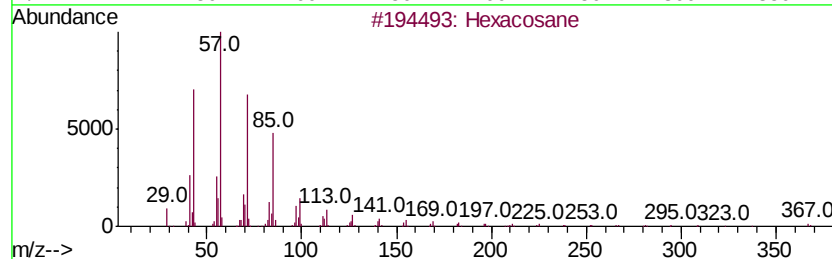
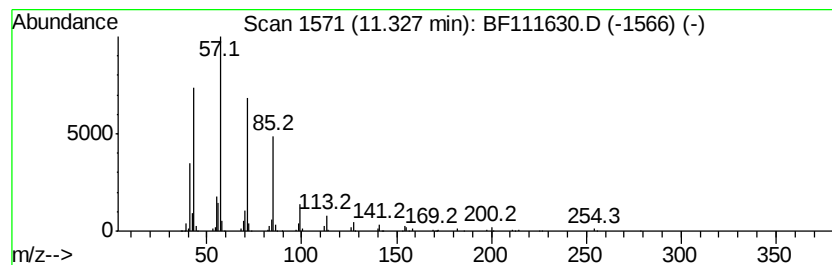
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	33.07 ng	14277500	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	90



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Data File : BF111630.D
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Misc :
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ClientSampleId :
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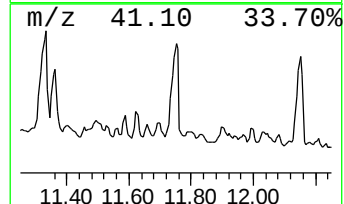
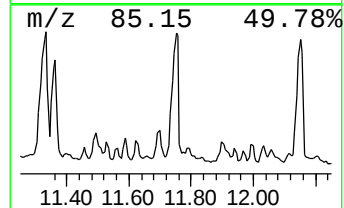
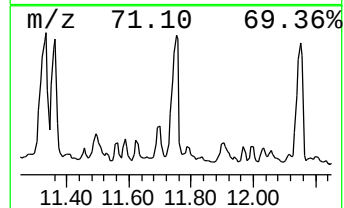
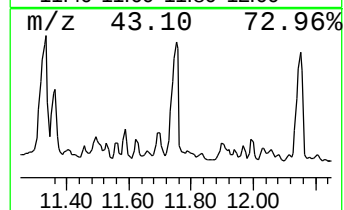
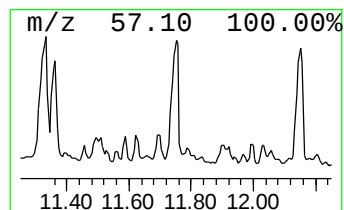
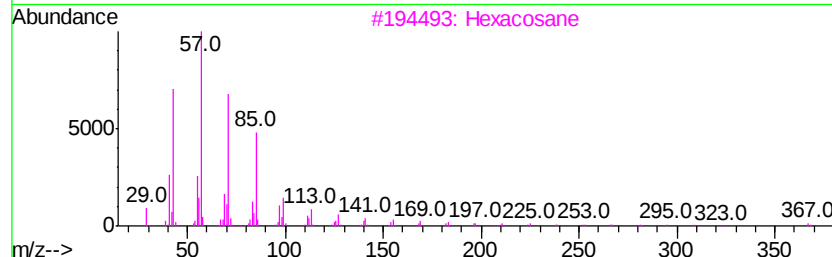
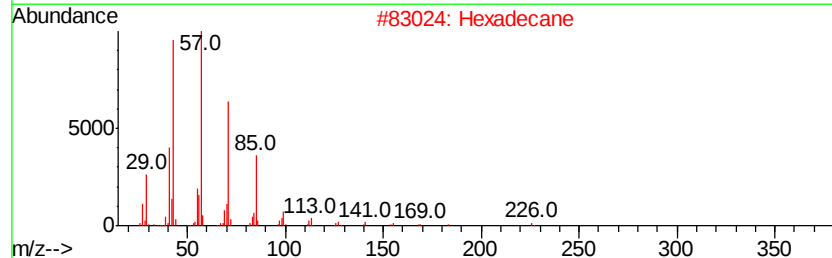
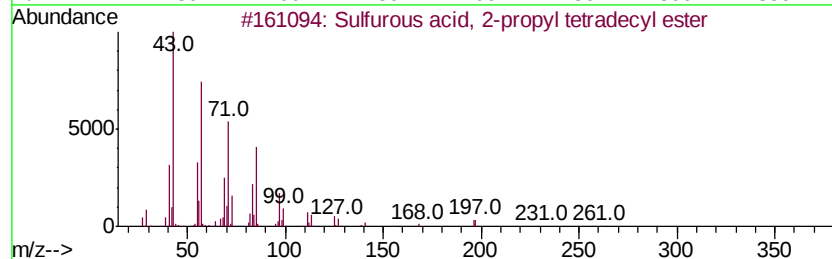
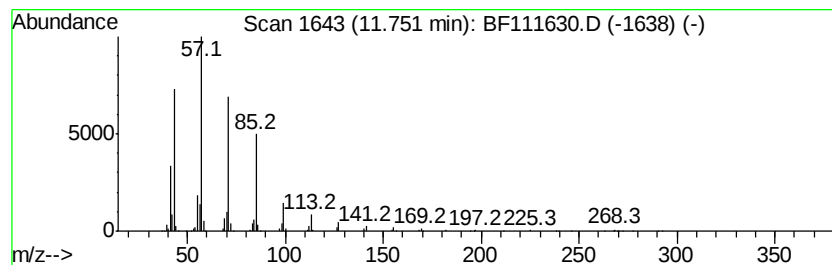
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Sulfurous acid, 2-propyl te... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	31.79 ng	13724400	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111630.D
Acq On : 20 Dec 2018 10:58
Operator : JU/SJ
Sample : J6469-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DRUM-1

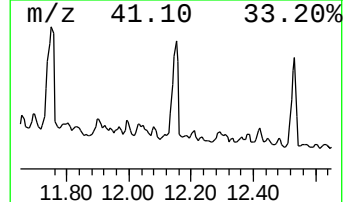
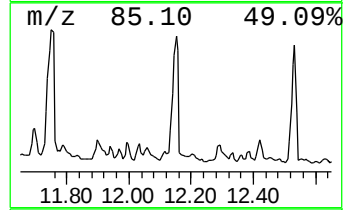
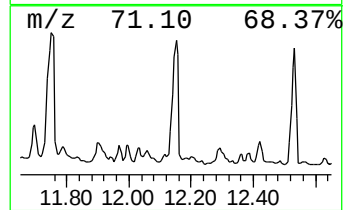
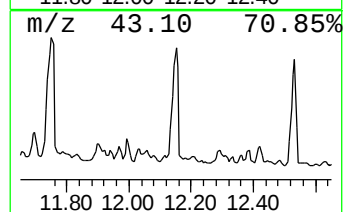
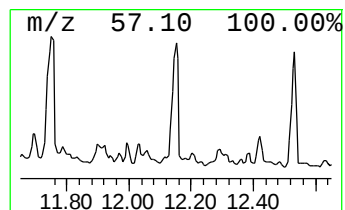
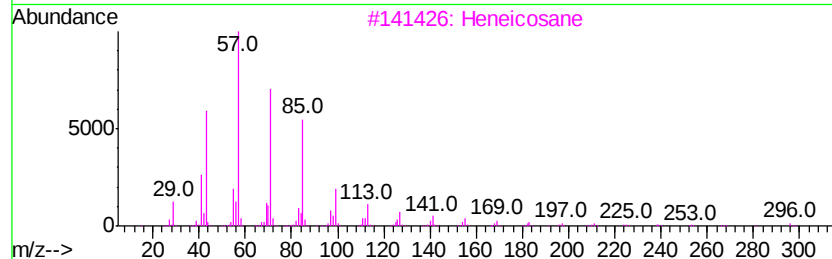
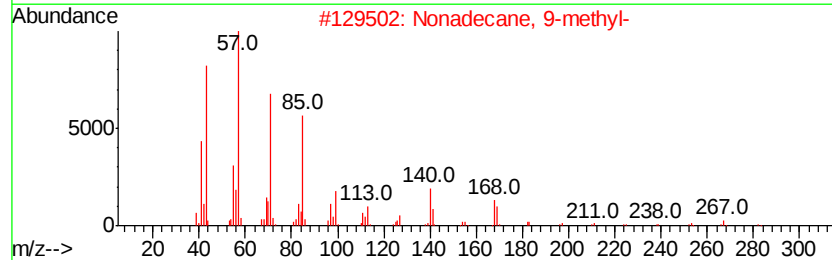
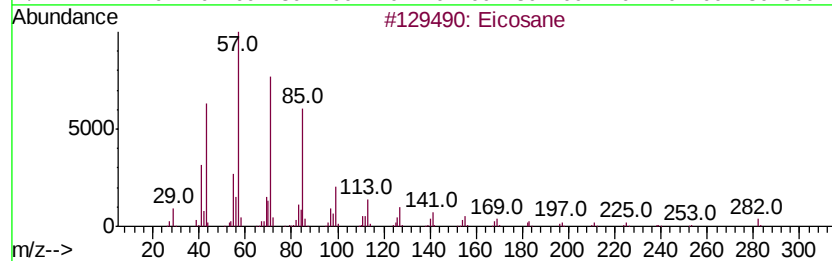
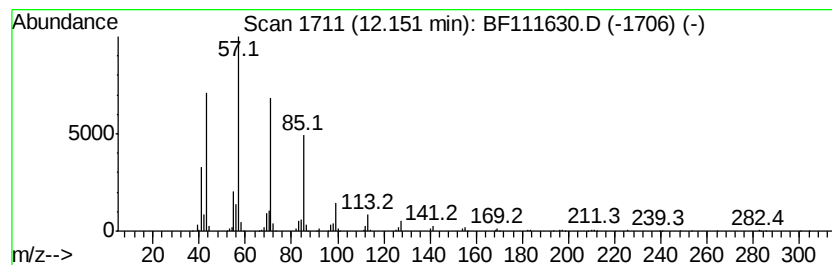
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	29.71 ng	12826000	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111630.D
Acq On : 20 Dec 2018 10:58
Operator : JU/SJ
Sample : J6469-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1

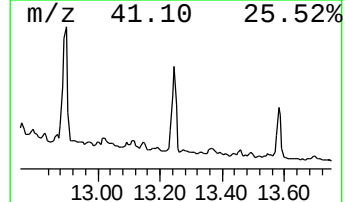
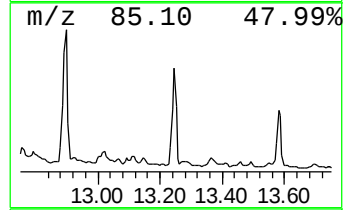
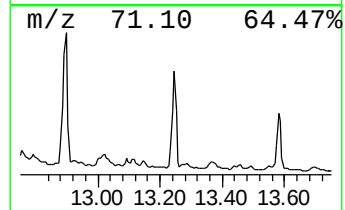
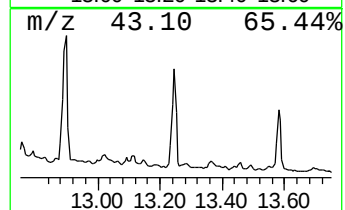
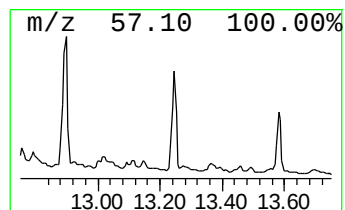
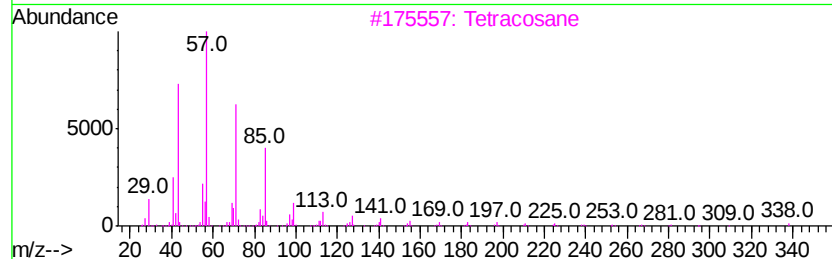
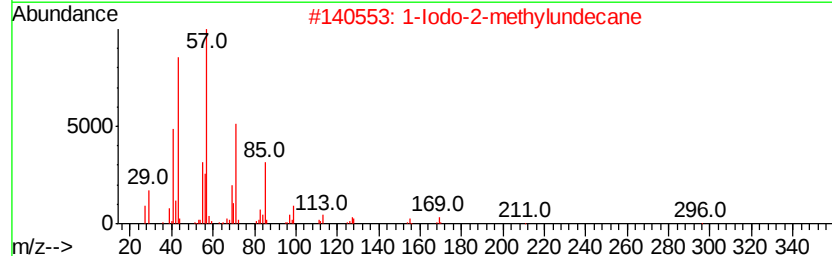
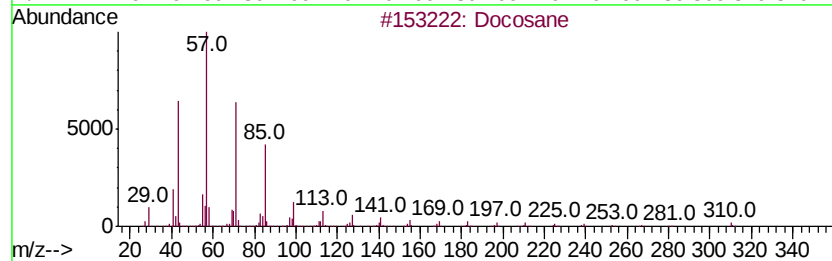
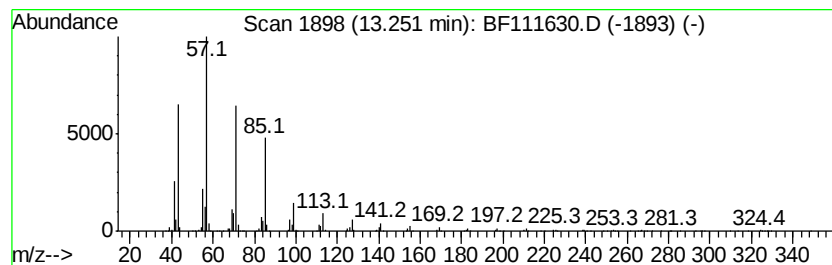
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	67.98 ng	5765900	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	94
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111630.D
Acq On : 20 Dec 2018 10:58
Operator : JU/SJ
Sample : J6469-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1

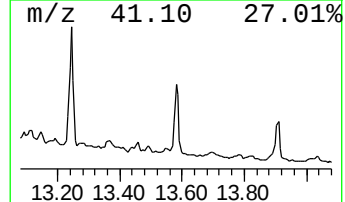
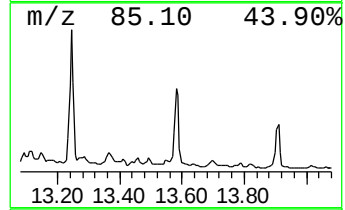
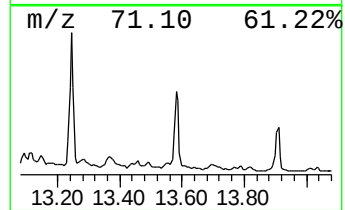
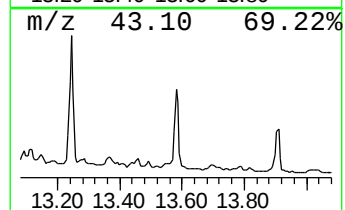
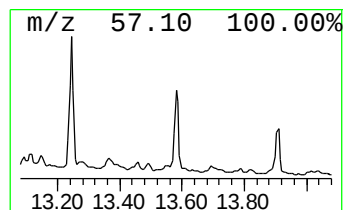
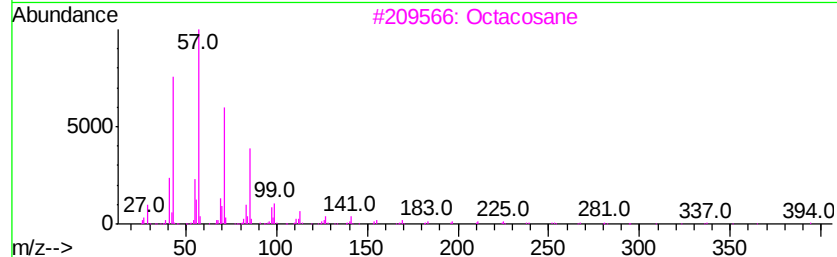
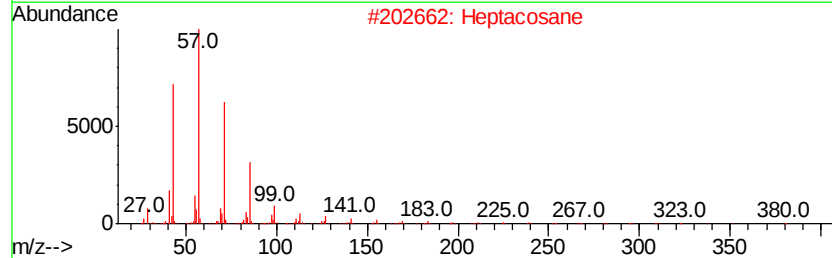
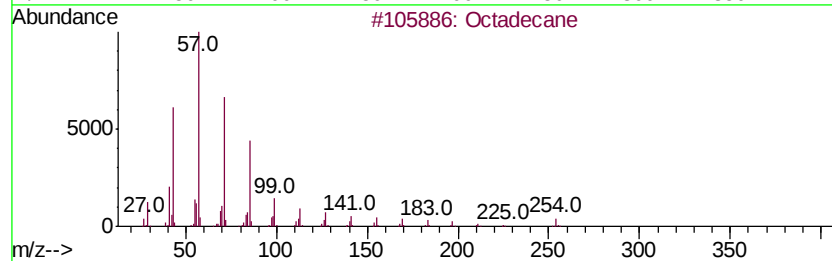
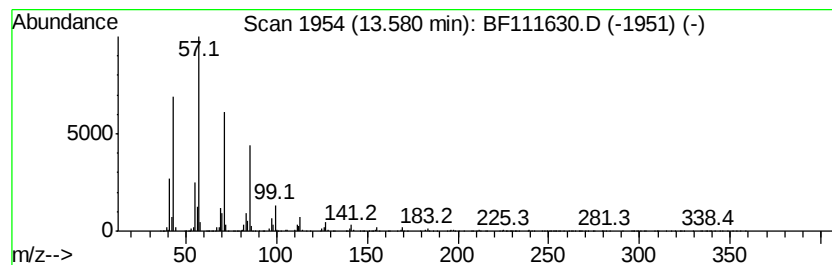
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	44.01 ng	3732610	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111630.D
 Acq On : 20 Dec 2018 10:58
 Operator : JU/SJ
 Sample : J6469-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
Benzene, 1-ethyl-...	6.43	26.3	ng	2567950	1	6.90	1952250	20.0
unknown6.67	6.67	75.6	ng	7377600	1	6.90	1952250	20.0
Benzene, 1,2,3-tr...	6.73	76.0	ng	7423660	1	6.90	1952250	20.0
Benzene, 1-methyl...	7.18	37.8	ng	3690060	1	6.90	1952250	20.0
Benzene, 1-ethyl-...	7.22	50.0	ng	4883210	1	6.90	1952250	20.0
Decane, 3-methyl-	7.30	36.0	ng	3510170	1	6.90	1952250	20.0
Undecane	7.51	83.3	ng	8132950	1	6.90	1952250	20.0
Naphthalene, 2,7-...	9.53	29.5	ng	8562270	3	9.96	5800880	20.0
Naphthalene, 2,3-...	9.62	40.5	ng	11733700	3	9.96	5800880	20.0
Tritetracontane	9.69	58.0	ng	16835100	3	9.96	5800880	20.0
unknown9.75	9.75	26.1	ng	7554370	3	9.96	5800880	20.0
Hexadecane	10.42	74.5	ng	21609300	3	9.96	5800880	20.0
Bacchotricuneatin c	10.63	49.0	ng	14209400	3	9.96	5800880	20.0
Nonadecane	10.89	43.2	ng	18654700	4	11.45	8633840	20.0
Hexacosane	11.33	33.1	ng	14277500	4	11.45	8633840	20.0
Sulfurous acid, 2...	11.75	31.8	ng	13724400	4	11.45	8633840	20.0
Eicosane	12.15	29.7	ng	12826000	4	11.45	8633840	20.0
Docosane	13.25	68.0	ng	5765900	5	14.05	1696370	20.0
Octadecane	13.58	44.0	ng	3732610	5	14.05	1696370	20.0