

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
 Data File : BF110302.D
 Acq On : 30 Oct 2018 14:54
 Operator : JU/SJ
 Sample : J5724-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIBER-MATERIAL(NEAR-BERM)

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-BF102318.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	2.316	33	39	55	rVB	452033	632852	30.39%	2.466%
2	4.116	340	345	349	rVB	17720	21505	1.03%	0.084%
3	5.210	527	531	543	rVB	69611	90441	4.34%	0.352%
4	5.592	590	596	599	rBV	1940567	1878963	90.24%	7.321%
5	6.492	745	749	752	rBV	31815	25445	1.22%	0.099%
6	6.592	759	766	773	rBV	1973098	2082183	100.00%	8.113%
7	6.739	786	791	794	rBV	2256187	2042957	98.12%	7.960%
8	6.792	797	800	803	rVB	113178	98182	4.72%	0.383%
9	6.969	826	830	833	rBV	818207	666855	32.03%	2.598%
10	7.022	836	839	845	rVB5	36785	59093	2.84%	0.230%
11	7.122	852	856	860	rBV	1636428	1537682	73.85%	5.991%
12	7.281	880	883	889	rVB	26390	24799	1.19%	0.097%
13	7.369	894	898	905	rVB4	18092	30072	1.44%	0.117%
14	7.533	921	926	936	rBV	1245838	1287182	61.82%	5.015%
15	8.251	1044	1048	1066	rVB	978494	941895	45.24%	3.670%
16	9.327	1226	1231	1240	rBV	2059919	1954098	93.85%	7.614%
17	9.422	1243	1247	1260	rVB	641012	591325	28.40%	2.304%
18	9.716	1294	1297	1304	rVB	200597	172381	8.28%	0.672%
19	10.010	1343	1347	1351	rBV	1043032	985811	47.35%	3.841%
20	10.039	1351	1352	1359	rVB	31447	28882	1.39%	0.113%
21	10.563	1438	1441	1444	rBV	34251	29132	1.40%	0.114%
22	10.598	1444	1447	1448	rBV	28720	21643	1.04%	0.084%
23	10.616	1448	1450	1452	rVB	45603	32307	1.55%	0.126%
24	10.669	1457	1459	1462	rBV	30864	25693	1.23%	0.100%
25	10.804	1474	1482	1488	rBV	1398193	1319833	63.39%	5.143%
26	10.969	1507	1510	1513	rBV	37633	29299	1.41%	0.114%
27	11.051	1521	1524	1526	rBV	49227	41025	1.97%	0.160%
28	11.074	1526	1528	1531	rVB	37089	26625	1.28%	0.104%
29	11.139	1536	1539	1543	rVB	38572	31388	1.51%	0.122%
30	11.251	1554	1558	1564	rVB	26906	27705	1.33%	0.108%
31	11.433	1586	1589	1593	rBV	30883	24557	1.18%	0.096%
32	11.504	1597	1601	1604	rVV	1003251	957635	45.99%	3.731%
33	11.527	1604	1605	1609	rVV	343523	227537	10.93%	0.887%
34	11.580	1609	1614	1617	rVV	63408	58996	2.83%	0.230%

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35	11.733	1632	1640	1645	rBV2	29995	38605	1.85%	0.150%
36	11.910	1666	1670	1677	rBV	180988	182333	8.76%	0.710%
37	12.010	1684	1687	1689	rBV	87291	79781	3.83%	0.311%
38	12.033	1689	1691	1696	rVB2	56202	60688	2.91%	0.236%
39	12.121	1703	1706	1708	rBV2	60964	64419	3.09%	0.251%
40	12.145	1708	1710	1714	rVB	32733	27130	1.30%	0.106%
41	12.304	1733	1737	1739	rBV	28249	29212	1.40%	0.114%
42	12.333	1739	1742	1747	rVB	35091	34650	1.66%	0.135%
43	12.557	1778	1780	1784	rBV3	29426	35295	1.70%	0.138%
44	12.721	1805	1808	1811	rBV	414019	380269	18.26%	1.482%
45	12.757	1811	1814	1818	rVB2	85375	90279	4.34%	0.352%
46	12.957	1841	1848	1853	rBV	343975	413576	19.86%	1.611%
47	13.086	1866	1870	1874	rBV	1448791	1279959	61.47%	4.987%
48	13.174	1880	1885	1888	rBV3	21870	38190	1.83%	0.149%
49	13.280	1900	1903	1905	rVB	38848	29018	1.39%	0.113%
50	13.345	1911	1914	1917	rBV	40195	34338	1.65%	0.134%
51	13.386	1917	1921	1923	rBV2	26808	29828	1.43%	0.116%
52	13.639	1961	1964	1966	rBV2	25387	24992	1.20%	0.097%
53	13.904	2004	2009	2011	rBV2	33832	48501	2.33%	0.189%
54	13.968	2016	2020	2023	rBV2	154168	160699	7.72%	0.626%
55	14.157	2046	2052	2054	rBV2	760101	818581	39.31%	3.189%
56	14.180	2054	2056	2064	rVB	158535	144735	6.95%	0.564%
57	14.262	2067	2070	2071	rBV	29472	22993	1.10%	0.090%
58	14.286	2071	2074	2080	rVB	84379	79213	3.80%	0.309%
59	14.539	2115	2117	2120	rVB	26730	24492	1.18%	0.095%
60	14.592	2121	2126	2132	rVV	220145	223704	10.74%	0.872%
61	14.692	2141	2143	2147	rVB3	25909	26114	1.25%	0.102%
62	14.915	2177	2181	2185	rVB	246648	258063	12.39%	1.006%
63	14.992	2192	2194	2197	rVB3	26232	26890	1.29%	0.105%
64	15.227	2230	2234	2237	rBV	119779	163622	7.86%	0.638%
65	15.268	2237	2241	2246	rVB2	419177	522574	25.10%	2.036%
66	15.345	2252	2254	2258	rVB	20086	23735	1.14%	0.092%
67	15.551	2286	2289	2295	rVB	72412	101596	4.88%	0.396%
68	15.621	2297	2301	2305	rBV	98794	122846	5.90%	0.479%
69	15.686	2305	2312	2317	rBV2	518168	998354	47.95%	3.890%
70	16.139	2382	2389	2396	rBV	294447	488256	23.45%	1.902%
71	16.209	2398	2401	2406	rVV7	16596	28921	1.39%	0.113%

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72	16.674	2475	2480	2487	rVB	119996	211851	10.17%	0.825%
73	17.262	2574	2580	2583	rBV2	40092	82068	3.94%	0.320%
74	17.309	2583	2588	2594	rVB3	46594	99226	4.77%	0.387%
75	17.739	2657	2661	2667	rBV	22939	48052	2.31%	0.187%
76	18.462	2780	2784	2791	rBV10	25298	61445	2.95%	0.239%

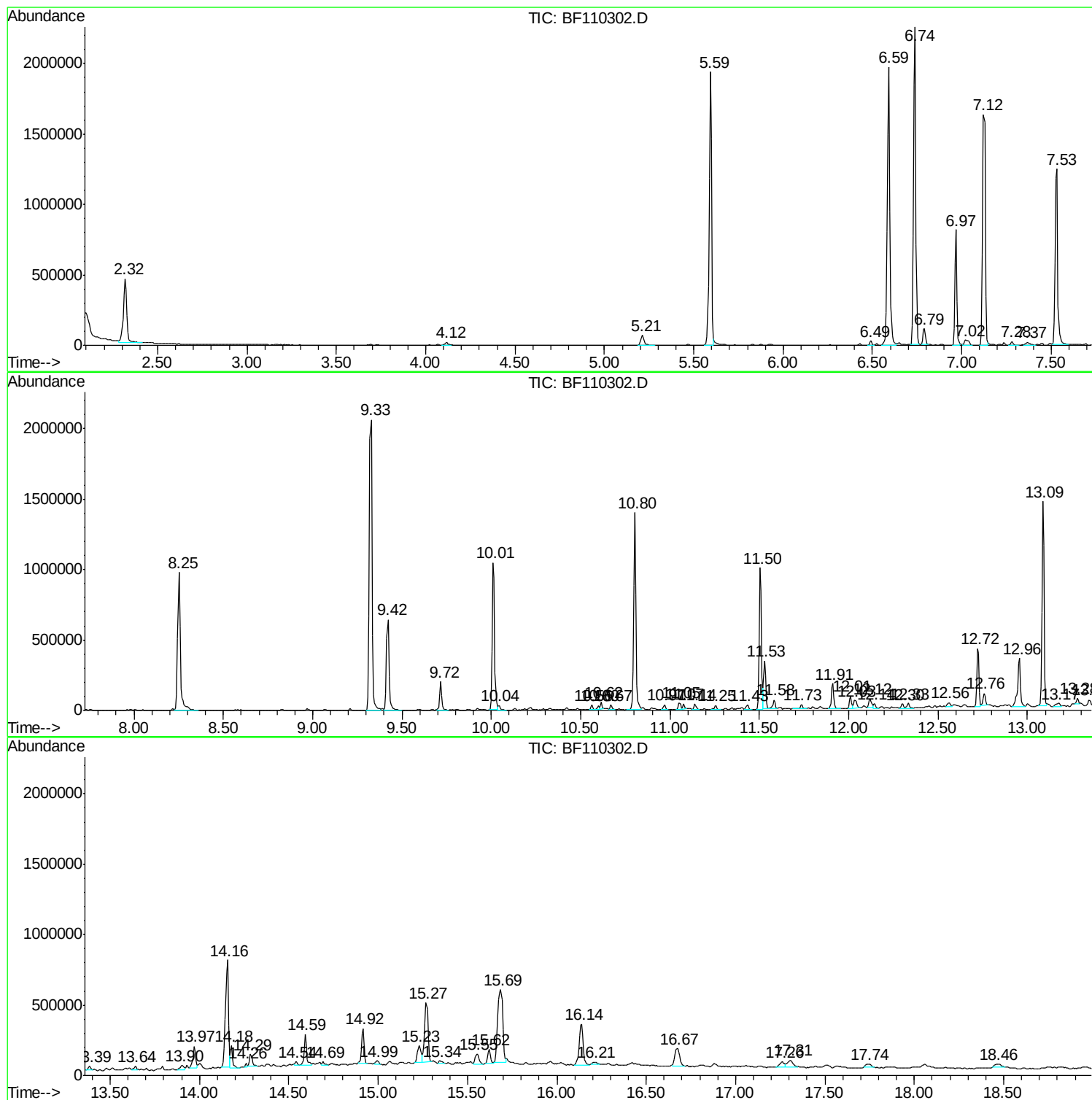
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.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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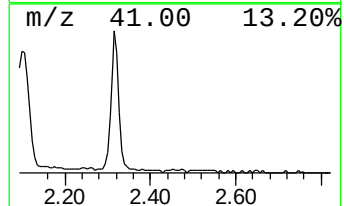
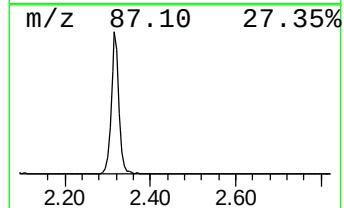
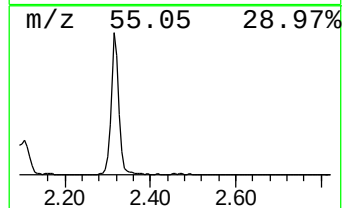
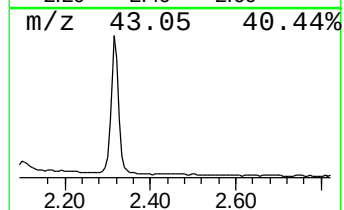
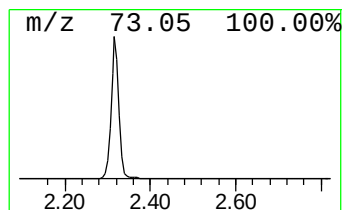
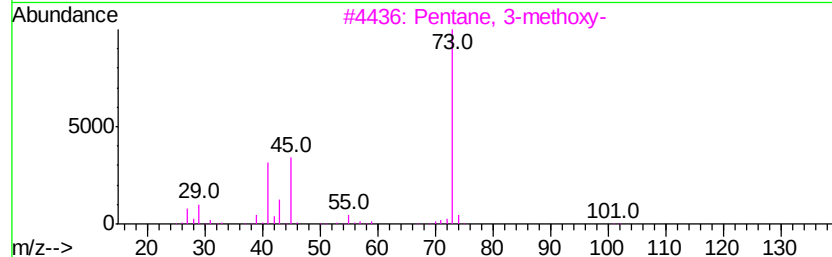
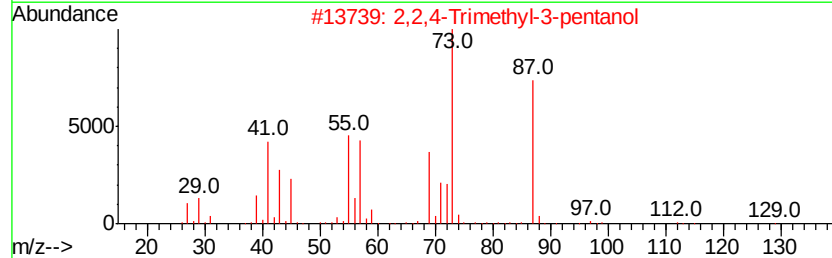
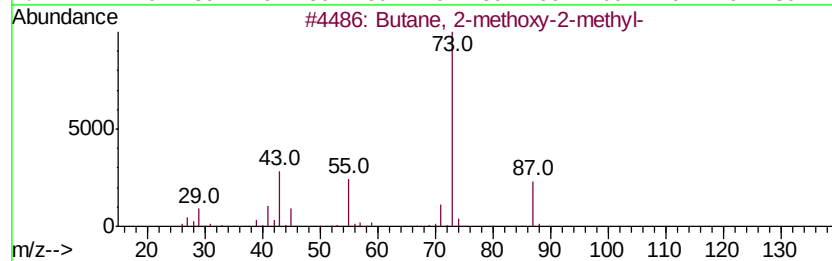
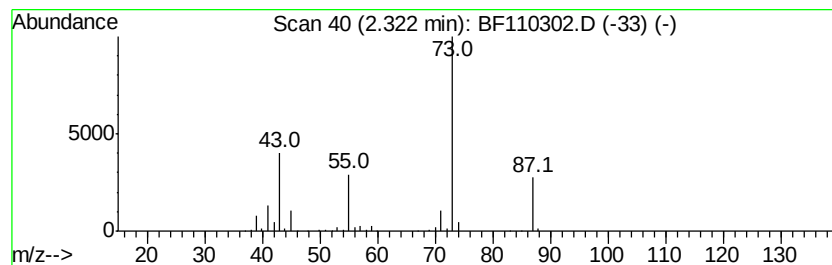
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	18.98 ng	632852	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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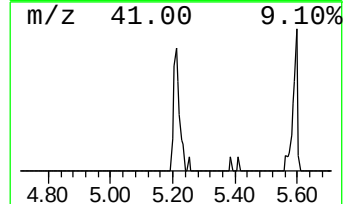
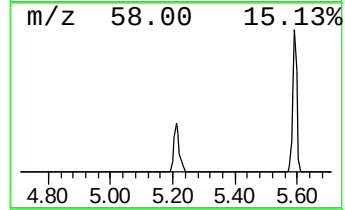
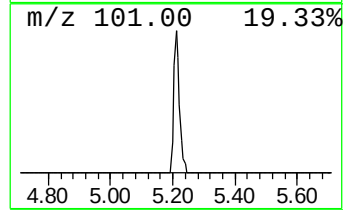
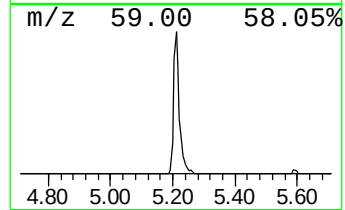
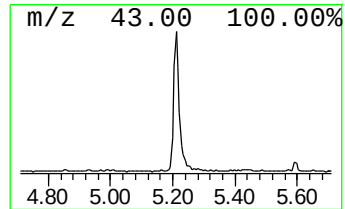
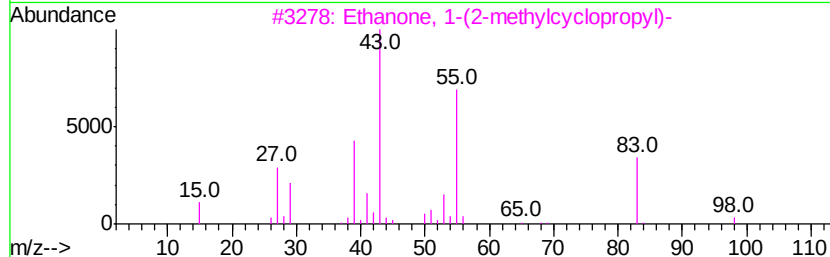
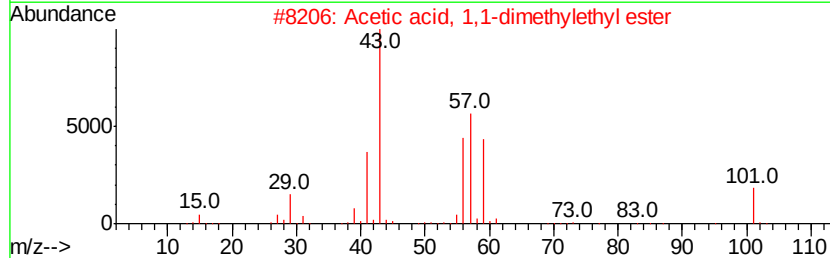
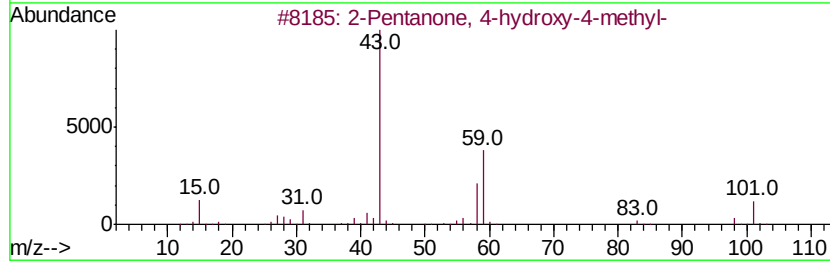
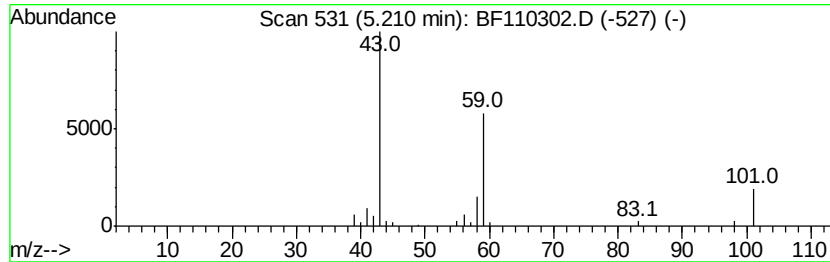
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	2.71 ng	90441	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5			3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9



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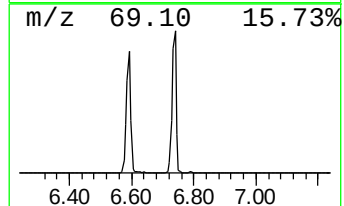
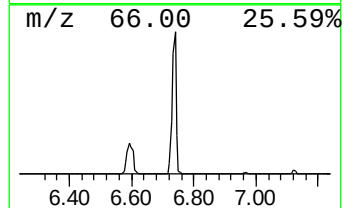
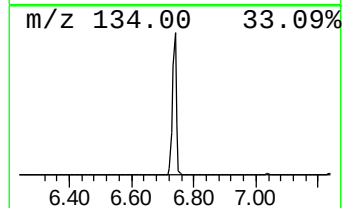
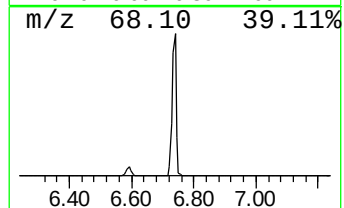
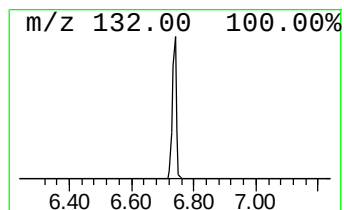
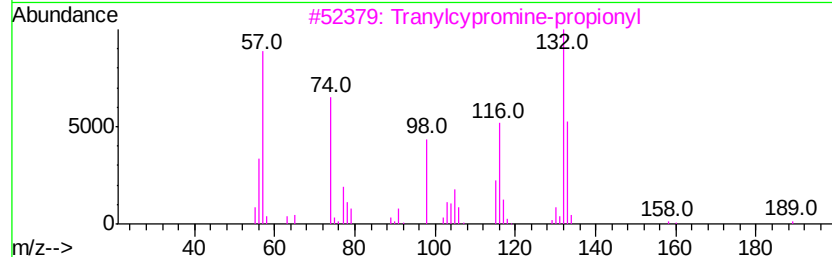
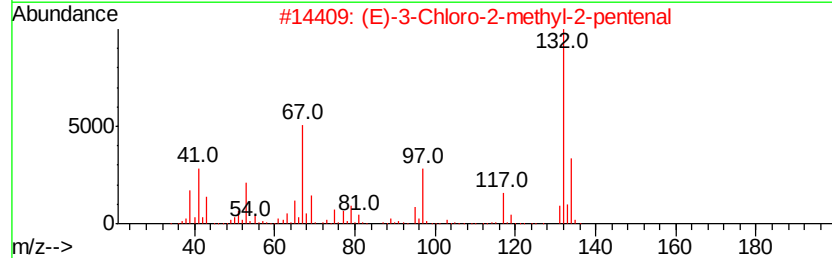
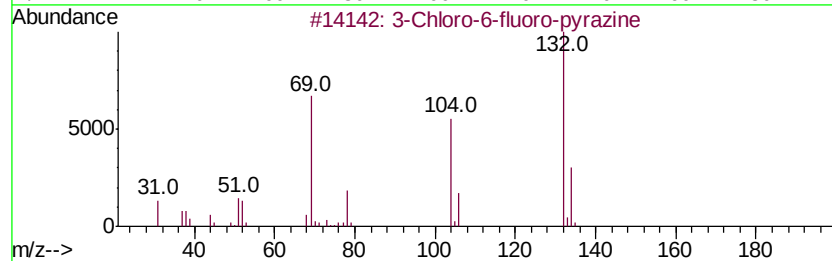
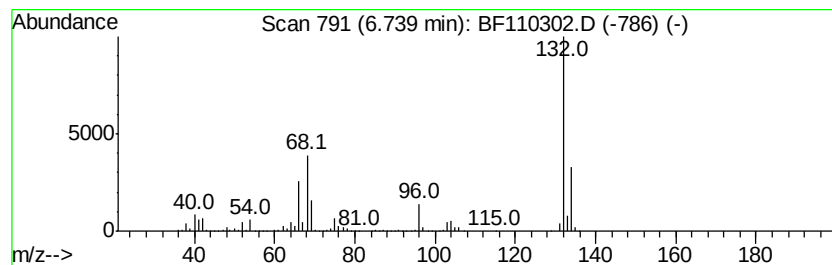
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	61.27 ng	2042960	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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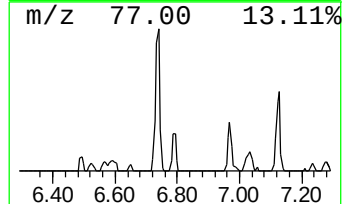
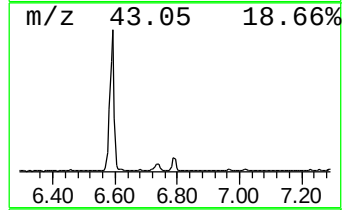
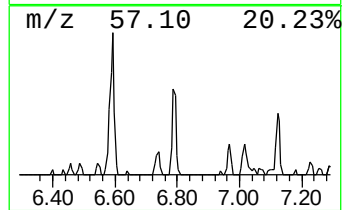
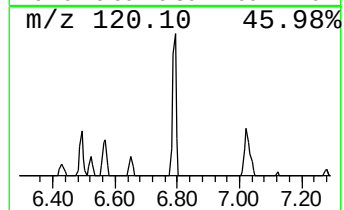
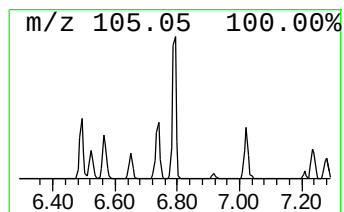
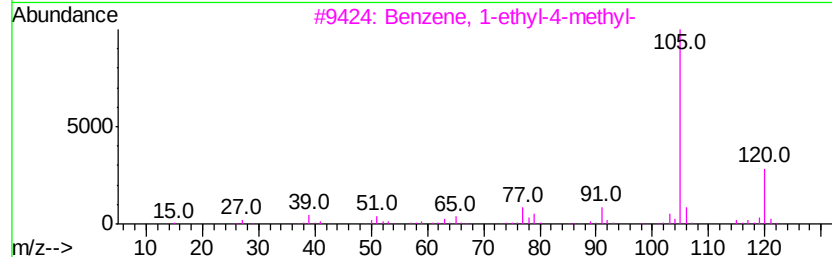
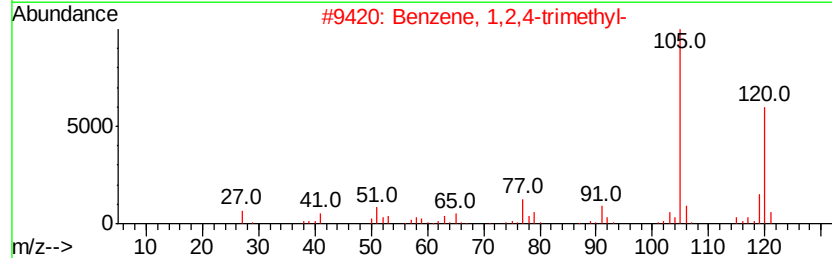
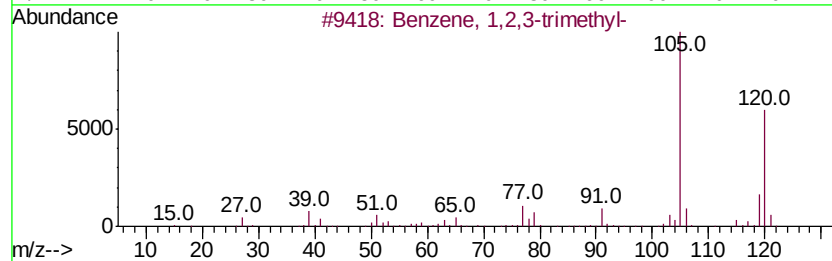
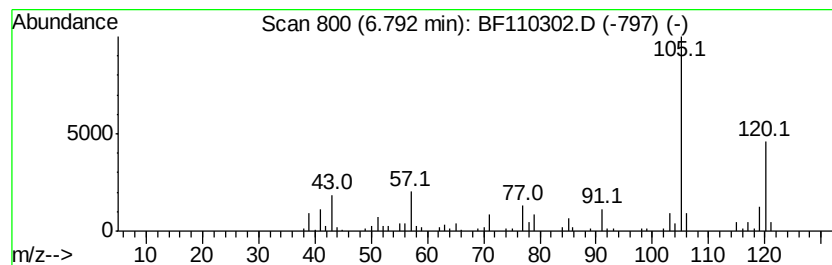
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.94 ng	98182	1,4-Dichlorobenzene-d4	6.97

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		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110302.D
Acq On : 30 Oct 2018 14:54
Operator : JU/SJ
Sample : J5724-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

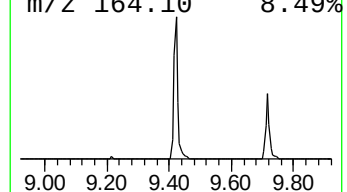
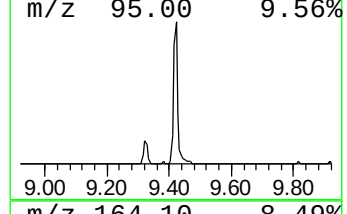
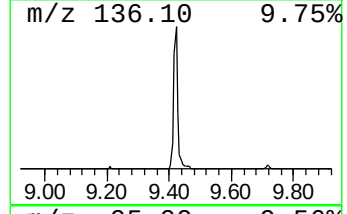
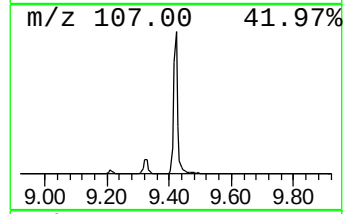
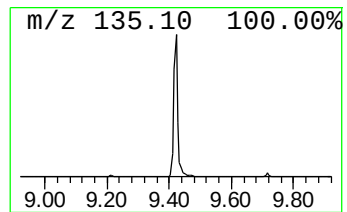
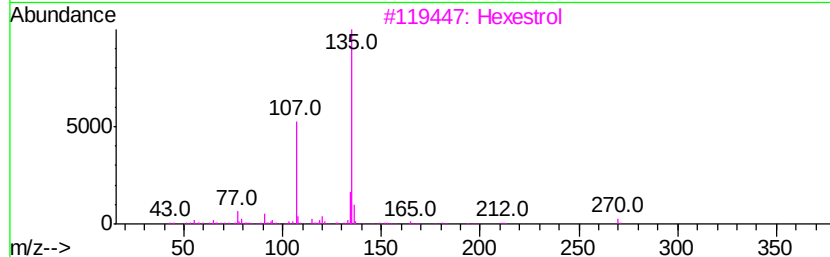
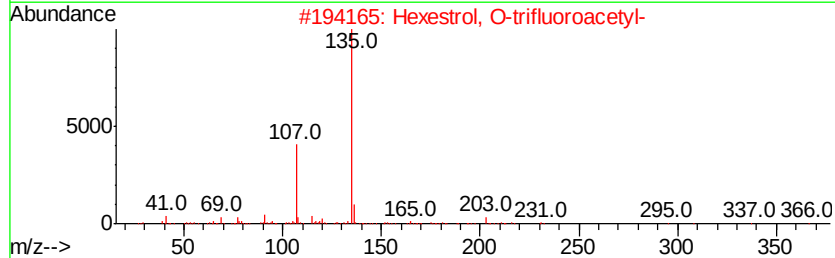
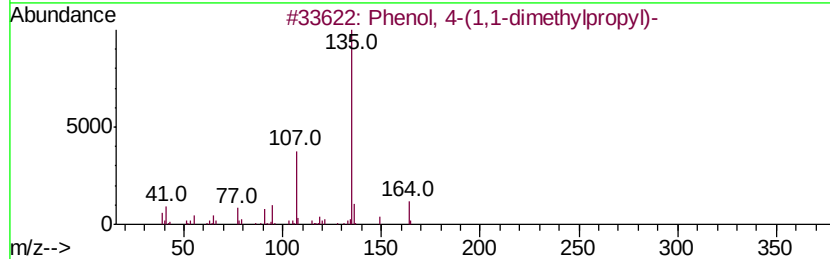
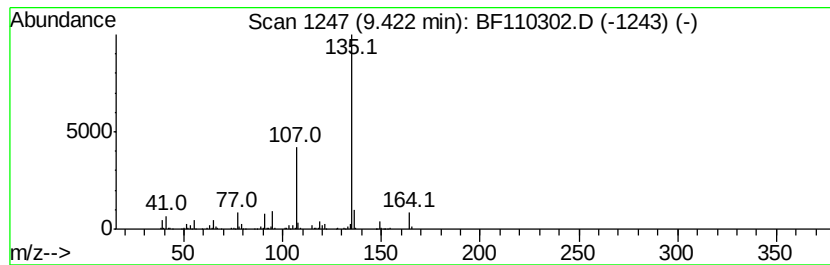
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenol, 4-(1,1-dimethylprop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	12.00 ng	591325	Acenaphthene-d10	10.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164 C11H16O	000080-46-6	94
2	Hexestrol, O-trifluoroacetyl-	366 C20H21F3O3	1000365-31-7	72
3	Hexestrol	270 C18H22O2	000084-16-2	72
4	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457 C22H23N3O4S2	325957-76-4	64
5	Phenol, p-tert-butyl-	150 C10H14O	000098-54-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
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Sample : J5724-03
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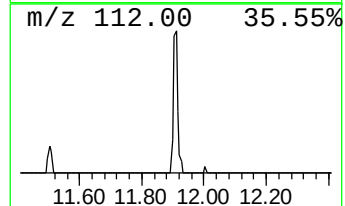
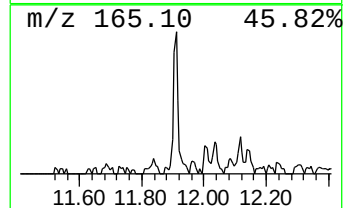
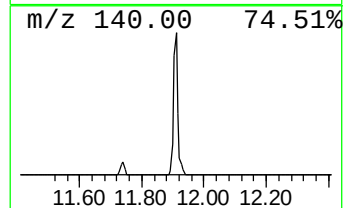
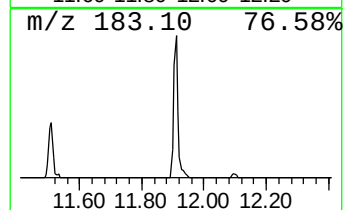
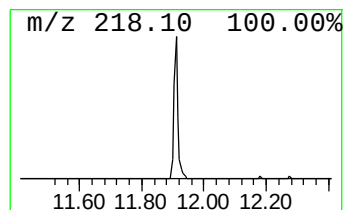
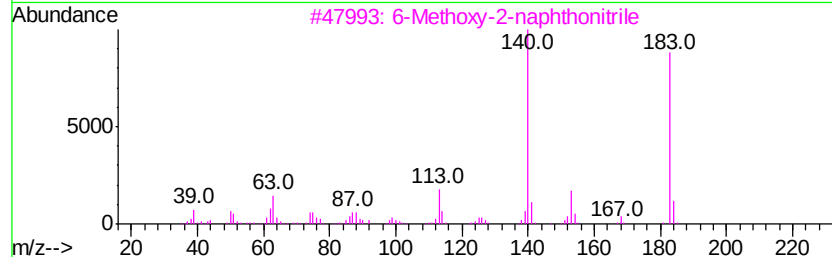
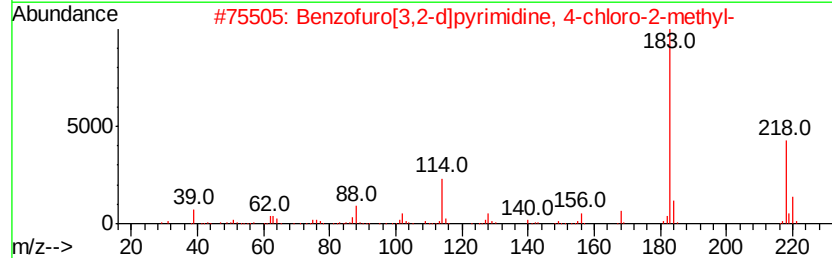
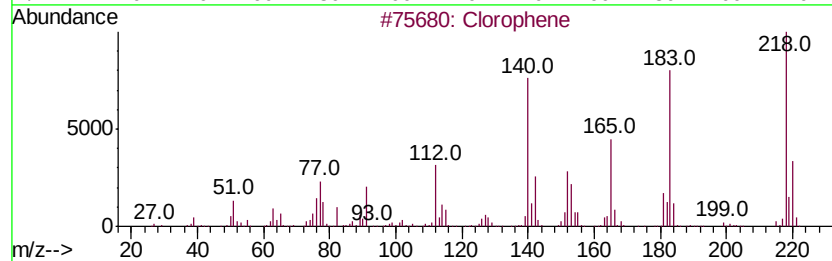
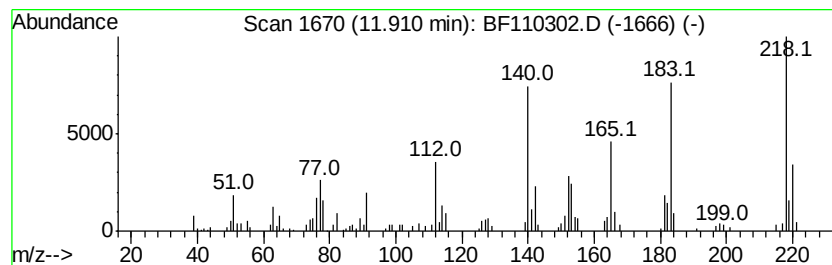
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Clorophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.91	3.81 ng	182333	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Clorophene	218	C13H11ClO	000120-32-1	99
2	Benzofuro[3,2-d]pyrimidine, 4-ch...	218	C11H7ClN2O	039786-40-8	50
3	6-Methoxy-2-naphthonitrile	183	C12H9NO	067886-70-8	46
4	Benzene, 1-(chloromethyl)-3-phen...	218	C13H11ClO	053874-66-1	43
5	1-Naphthalenecarbonitrile, 4-met...	183	C12H9NO	005961-55-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
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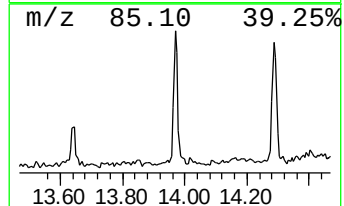
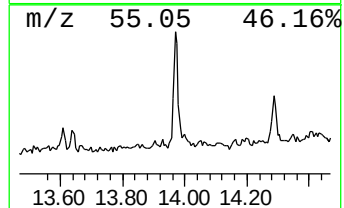
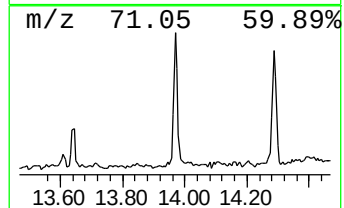
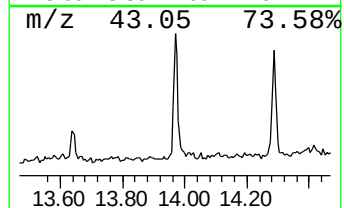
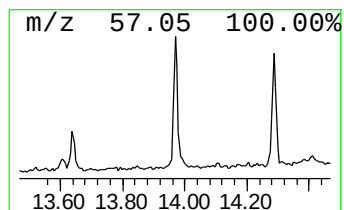
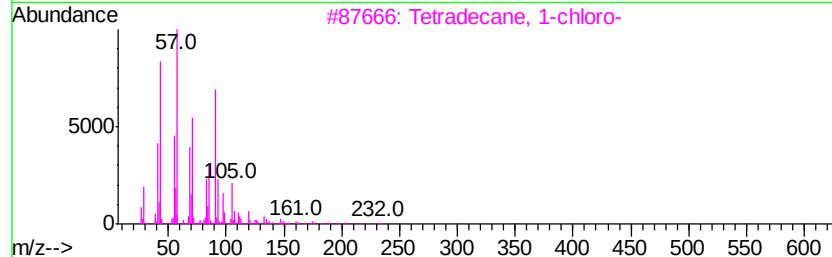
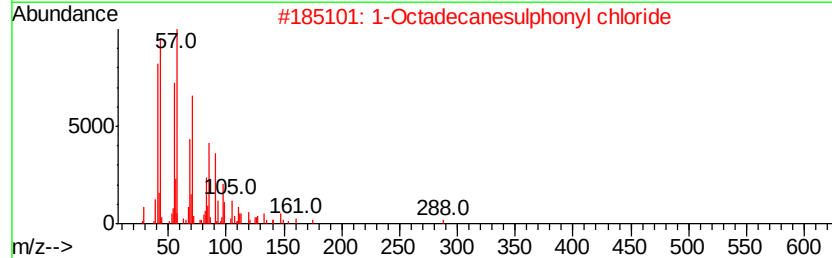
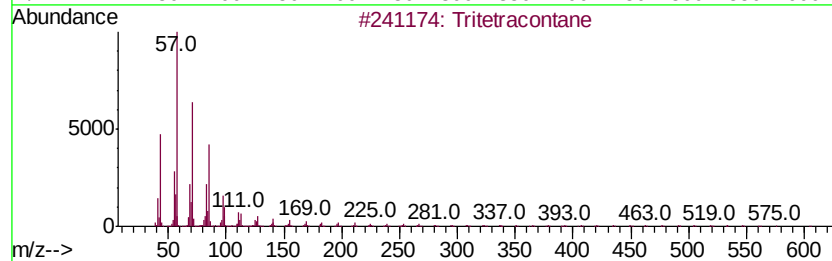
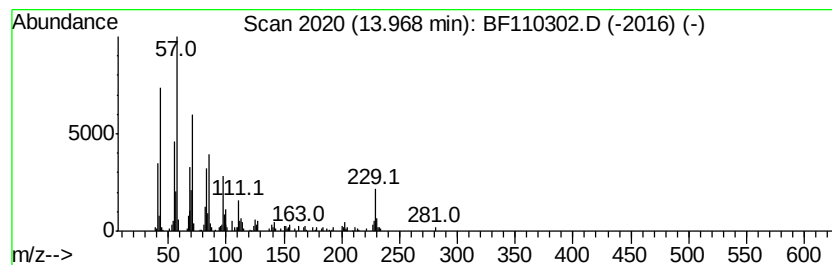
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tritetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.93 ng	160699	Chrysene-d12	14.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tritetracontane	605 C43H88	007098-21-7 64
2		1-Octadecanesulphonyl chloride	352 C18H37ClO2S	1000342-70-4 64
3		Tetradecane, 1-chloro-	232 C14H29Cl	002425-54-9 62
4		1-Dodecanol, 2-octyl-	298 C20H42O	005333-42-6 62
5		1-Decanol, 2-octyl-	270 C18H38O	045235-48-1 58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
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Operator : JU/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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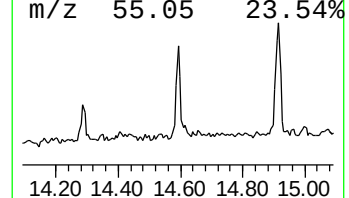
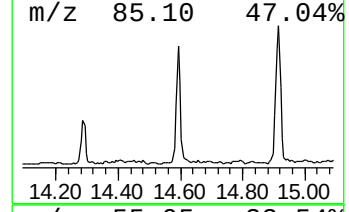
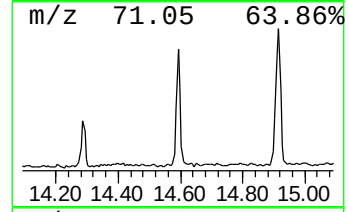
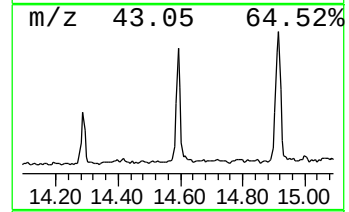
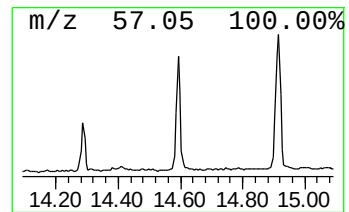
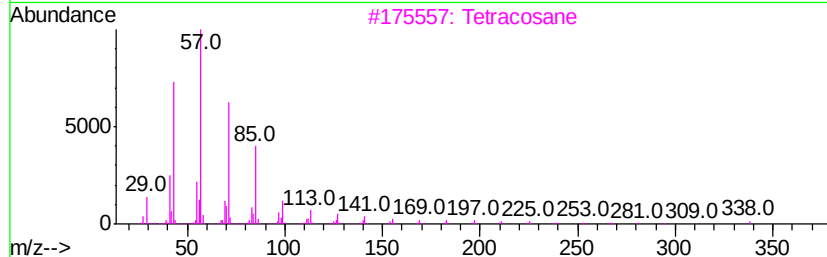
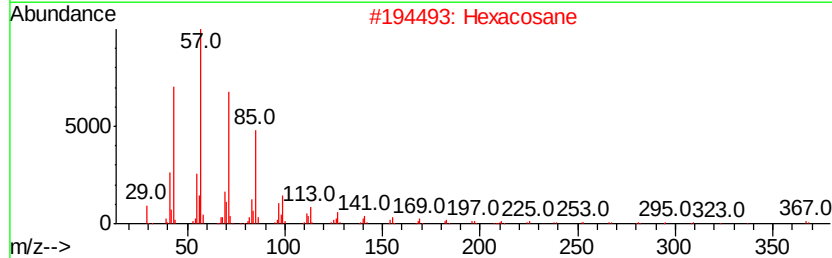
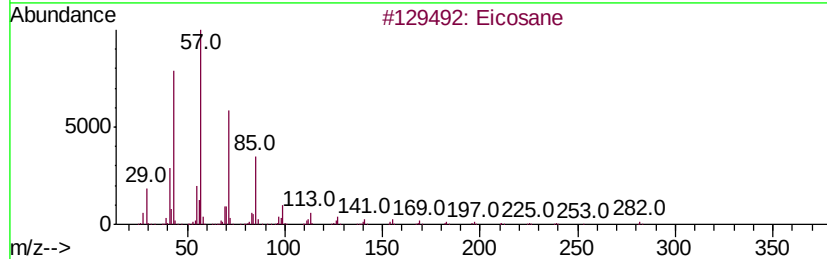
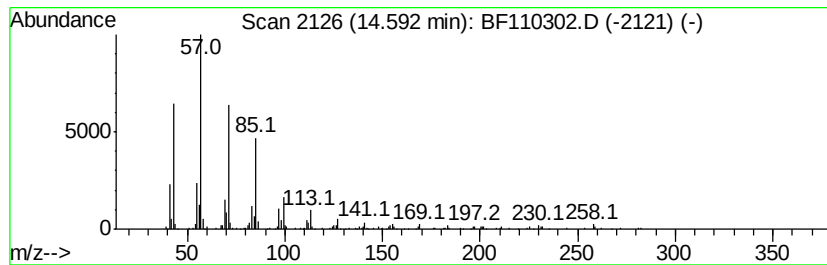
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	5.47 ng	223704	Chrysene-d12	14.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	95
2	Hexacosane		366	C26H54	000630-01-3	94
3	Tetracosane		338	C24H50	000646-31-1	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	2-methyloctacosane		408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110302.D
Acq On : 30 Oct 2018 14:54
Operator : JU/SJ
Sample : J5724-03
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Instrument :
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ClientSampleId :
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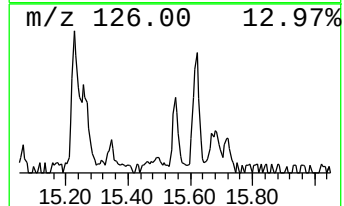
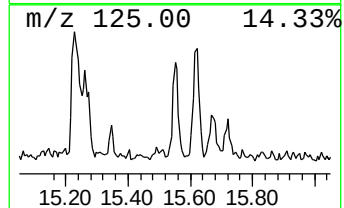
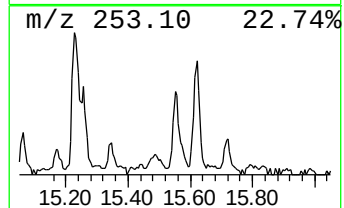
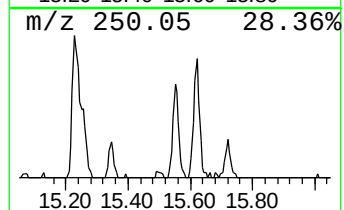
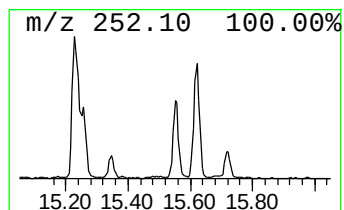
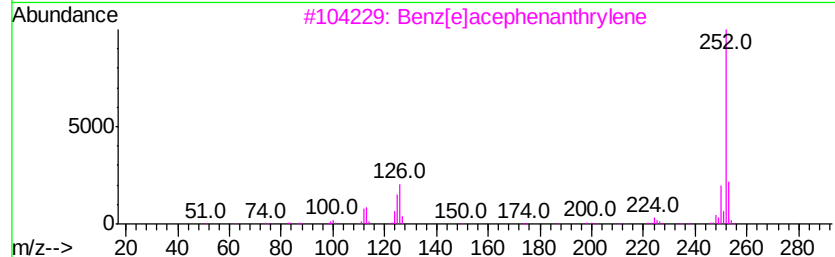
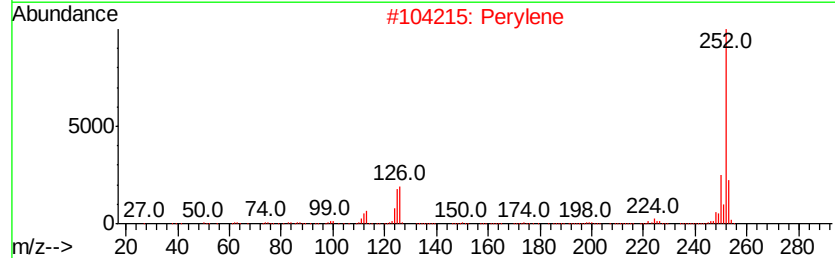
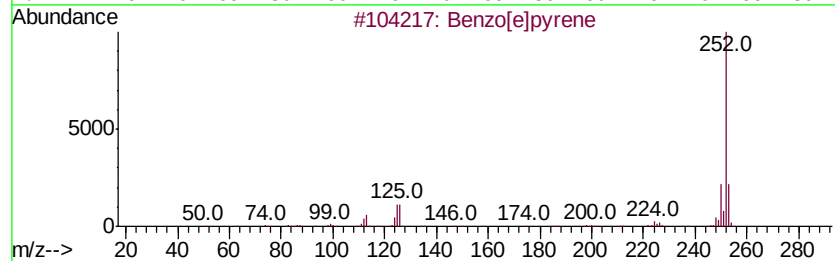
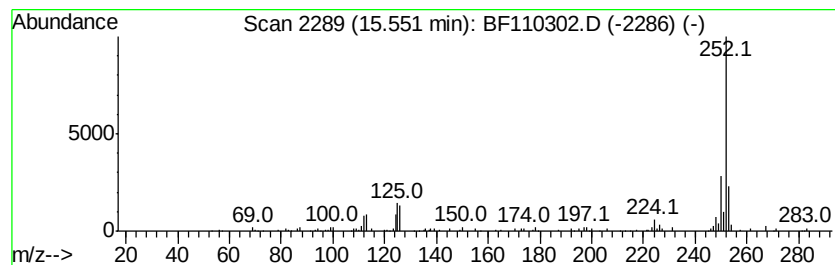
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	2.04 ng	101596	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Perylene	252	C20H12	000198-55-0	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
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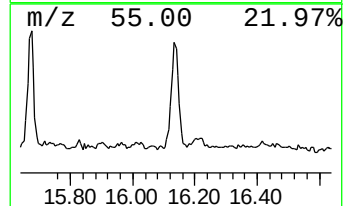
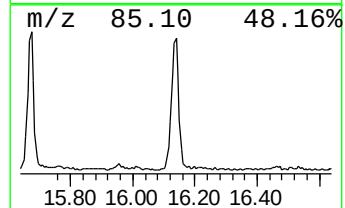
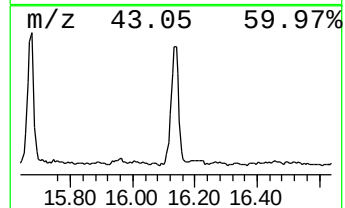
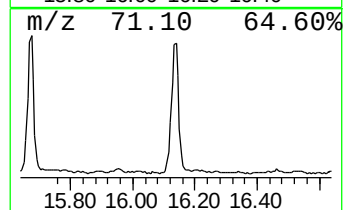
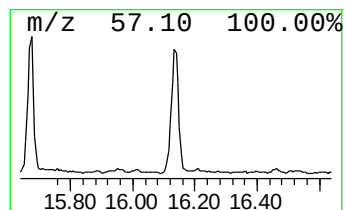
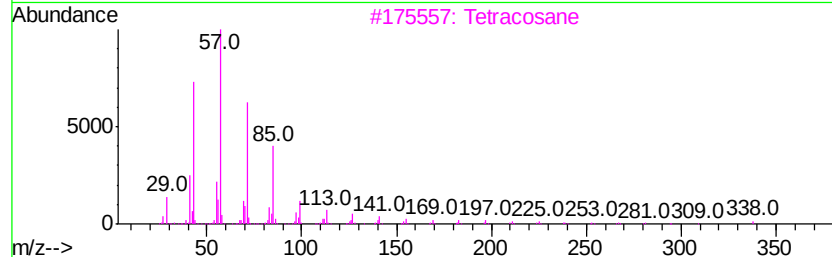
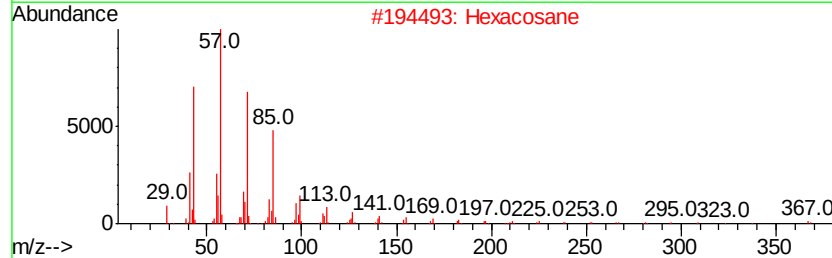
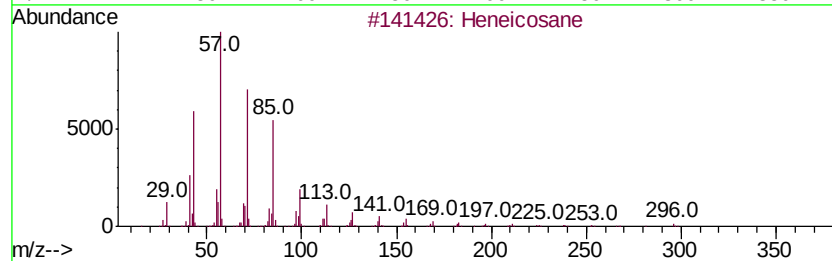
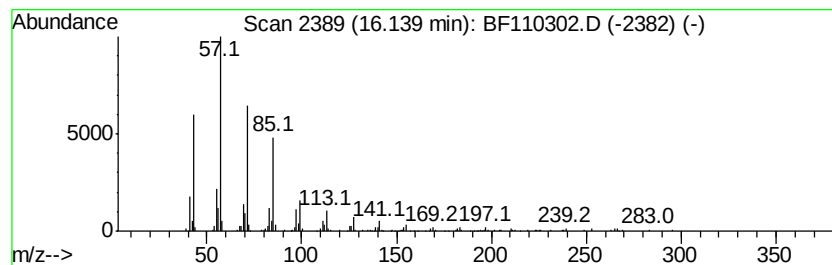
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	9.78 ng	488256	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103018\
Data File : BF110302.D
Acq On : 30 Oct 2018 14:54
Operator : JU/SJ
Sample : J5724-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
Butane, 2-methoxy...	2.32	19.0	ng	632852	1	6.97	666855	20.0
2-Pentanone, 4-hy...	5.21	2.7	ng	90441	1	6.97	666855	20.0
unknown6.74	6.74	61.3	ng	2042960	1	6.97	666855	20.0
Benzene, 1,2,3-tr...	6.79	2.9	ng	98182	1	6.97	666855	20.0
Phenol, 4-(1,1-di...	9.42	12.0	ng	591325	3	10.01	985811	20.0
Clorophene	11.91	3.8	ng	182333	4	11.50	957635	20.0
Tritetracontane	13.97	3.9	ng	160699	5	14.16	818581	20.0
Eicosane	14.59	5.5	ng	223704	5	14.16	818581	20.0
Benzo[e]pyrene	15.55	2.0	ng	101596	6	15.69	998354	20.0
Heneicosane	16.14	9.8	ng	488256	6	15.69	998354	20.0