

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120500.D
 Acq On : 2 Jun 2020 17:40
 Operator : JU/CG
 Sample : L2798-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM2-COMP-2020-0-6

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-BF052820.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	1.910	3	4	11	rVB	386185	332193	10.53%	0.918%
2	1.963	11	13	20	rVB	45397	49720	1.58%	0.137%
3	2.093	29	35	45	rVB	674587	872829	27.66%	2.411%
4	5.463	604	608	612	rBV	2694871	2548592	80.76%	7.041%
5	6.481	776	781	786	rVB	2570469	2634581	83.49%	7.279%
6	6.845	839	843	846	rBV	1304646	1025269	32.49%	2.833%
7	6.998	865	869	873	rBV	2575612	2304327	73.02%	6.366%
8	7.404	934	938	941	rBV	2021238	1692886	53.65%	4.677%
9	8.128	1057	1061	1064	rBV	1547853	1262988	40.02%	3.489%
10	9.204	1239	1244	1247	rBV	3671591	3155625	100.00%	8.718%
11	9.592	1304	1310	1314	rBV	536281	427375	13.54%	1.181%
12	9.739	1330	1335	1339	rBV	96792	91300	2.89%	0.252%
13	9.880	1353	1359	1363	rBV	1650666	1451302	45.99%	4.010%
14	10.669	1489	1493	1497	rBV	1995181	1681481	53.29%	4.645%
15	10.710	1497	1500	1503	rVB2	30392	36376	1.15%	0.100%
16	11.227	1582	1588	1592	rBV6	23643	46962	1.49%	0.130%
17	11.368	1608	1612	1614	rBV	1485812	1214597	38.49%	3.356%
18	11.392	1614	1616	1619	rVB	477750	361759	11.46%	0.999%
19	11.439	1622	1624	1628	rVB	108054	93994	2.98%	0.260%
20	11.598	1645	1651	1653	rBV2	43652	71263	2.26%	0.197%
21	11.868	1692	1697	1699	rBV	108382	116362	3.69%	0.321%
22	11.898	1699	1702	1705	rVB	145188	136171	4.32%	0.376%
23	11.980	1712	1716	1718	rBV2	132697	129884	4.12%	0.359%
24	12.010	1718	1721	1726	rVB2	99689	112444	3.56%	0.311%
25	12.163	1744	1747	1749	rBV	62622	51436	1.63%	0.142%
26	12.186	1749	1751	1755	rVB2	71777	65018	2.06%	0.180%
27	12.421	1787	1791	1794	rBV	93113	128420	4.07%	0.355%
28	12.457	1794	1797	1799	rVV2	58425	64742	2.05%	0.179%
29	12.504	1802	1805	1810	rVV2	93374	114749	3.64%	0.317%
30	12.563	1811	1815	1816	rVV	213756	217172	6.88%	0.600%
31	12.580	1816	1818	1822	rVB	1027311	827986	26.24%	2.288%
32	12.674	1832	1834	1837	rVB	49751	37303	1.18%	0.103%
33	12.710	1837	1840	1842	rBV3	34660	37504	1.19%	0.104%
34	12.810	1851	1857	1863	rBV	950981	935718	29.65%	2.585%

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35	12.863	1863	1866	1870	rVB2	37737	46938	1.49%	0.130%
36	12.957	1874	1882	1885	rBV	2870213	2774356	87.92%	7.665%
37	12.986	1885	1887	1890	rVB	66570	52209	1.65%	0.144%
38	13.027	1890	1894	1898	rBV3	74979	115829	3.67%	0.320%
39	13.115	1906	1909	1911	rBV4	60160	78853	2.50%	0.218%
40	13.139	1911	1913	1916	rVB	124043	96082	3.04%	0.265%
41	13.186	1917	1921	1922	rBV3	58142	73218	2.32%	0.202%
42	13.204	1922	1924	1927	rVB	69754	51817	1.64%	0.143%
43	13.245	1927	1931	1933	rBV2	114926	118330	3.75%	0.327%
44	13.304	1938	1941	1943	rBV3	34235	45408	1.44%	0.125%
45	13.333	1944	1946	1949	rBV	64098	58446	1.85%	0.161%
46	13.368	1949	1952	1955	rBV	75092	86243	2.73%	0.238%
47	13.427	1960	1962	1969	rVB2	187308	255724	8.10%	0.706%
48	13.645	1996	1999	2003	rBV	135802	116914	3.70%	0.323%
49	13.745	2013	2016	2021	rBV3	218859	301550	9.56%	0.833%
50	13.786	2021	2023	2025	rVV	104202	96224	3.05%	0.266%
51	13.810	2025	2027	2031	rVV3	115409	159287	5.05%	0.440%
52	13.862	2032	2036	2044	rVB2	328628	509328	16.14%	1.407%
53	14.009	2053	2061	2064	rBV2	1376437	1854247	58.76%	5.123%
54	14.033	2064	2065	2071	rVB	539673	409316	12.97%	1.131%
55	14.115	2077	2079	2081	rBV	63745	46790	1.48%	0.129%
56	14.192	2090	2092	2096	rVB3	116306	129558	4.11%	0.358%
57	14.480	2138	2141	2143	rBV	149148	157882	5.00%	0.436%
58	14.780	2190	2192	2195	rBV	89252	81709	2.59%	0.226%
59	14.927	2215	2217	2220	rVB2	154877	120285	3.81%	0.332%
60	15.045	2233	2237	2240	rBV	486911	683125	21.65%	1.887%
61	15.121	2247	2250	2253	rVB	265172	278909	8.84%	0.771%
62	15.162	2253	2257	2267	rBV2	241440	449913	14.26%	1.243%
63	15.345	2286	2288	2295	rVB	271682	329905	10.45%	0.911%
64	15.409	2295	2299	2305	rBV	369087	448517	14.21%	1.239%
65	15.474	2306	2310	2313	rBV	770786	951231	30.14%	2.628%
66	15.933	2385	2388	2394	rVB	296548	426315	13.51%	1.178%
67	17.109	2583	2588	2593	rBV5	215829	461206	14.62%	1.274%

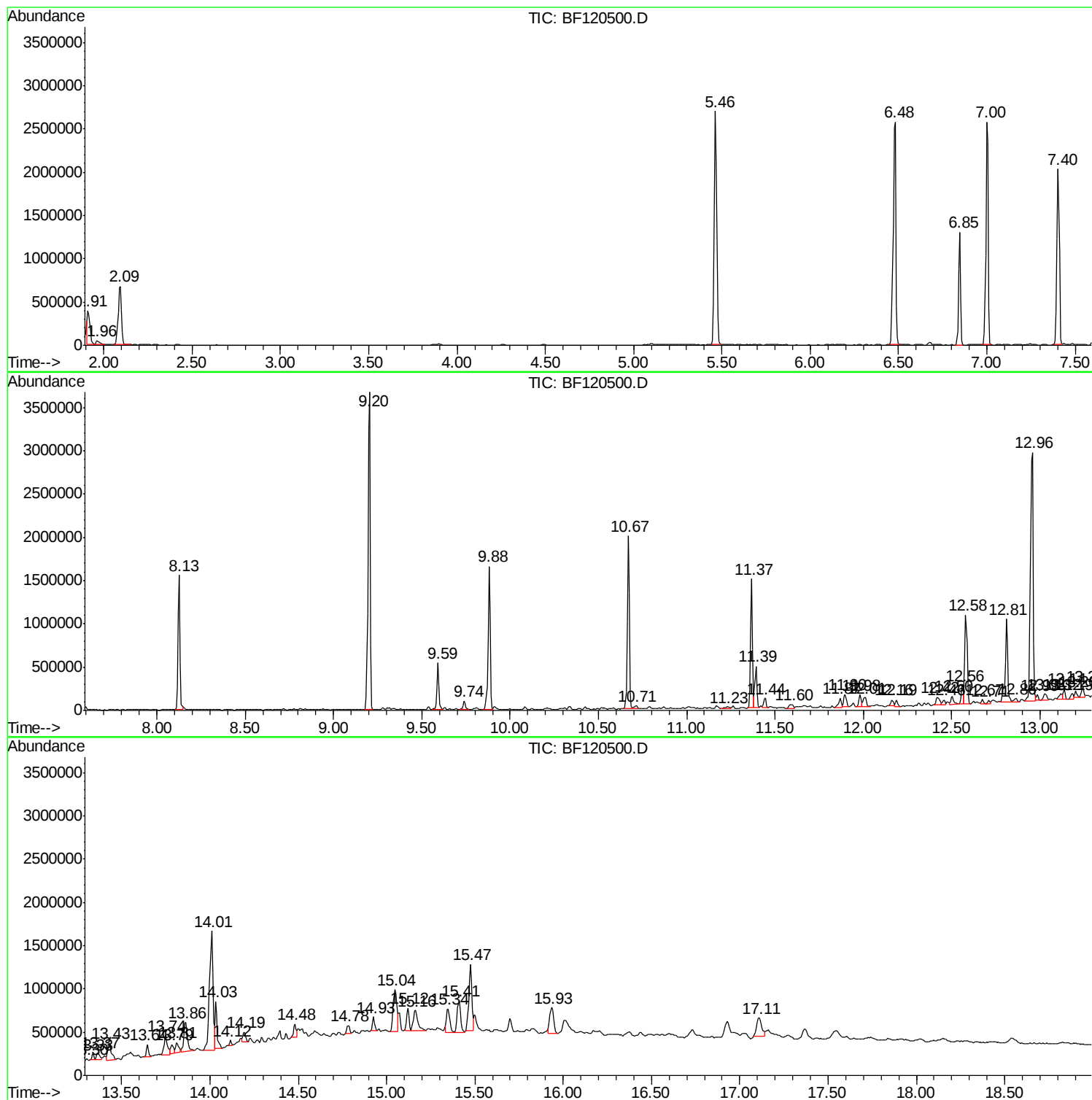
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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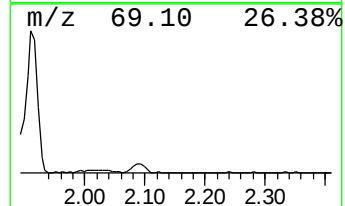
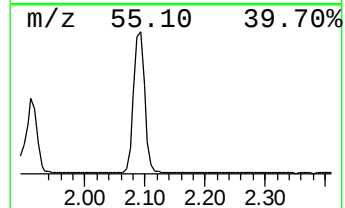
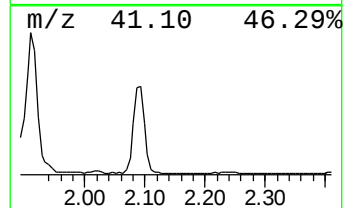
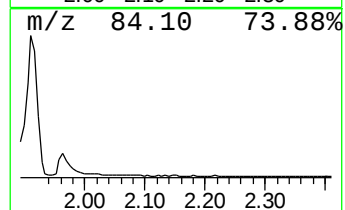
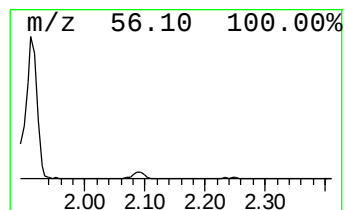
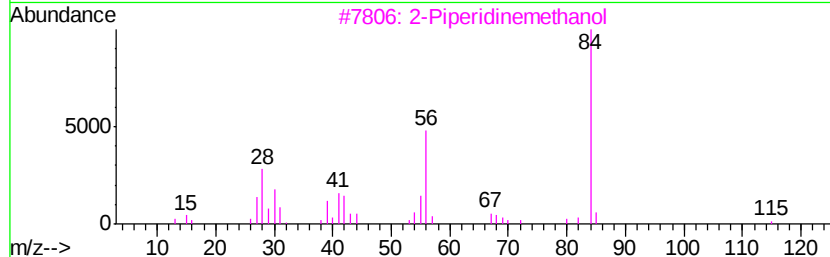
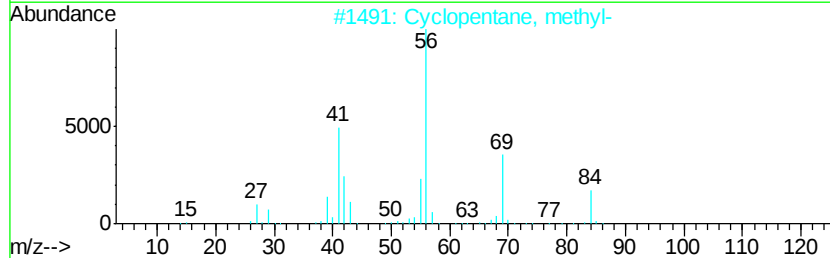
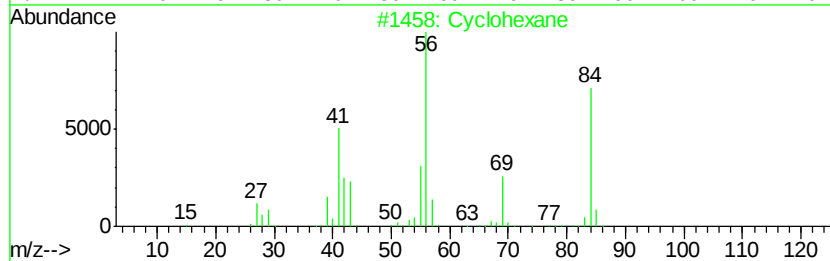
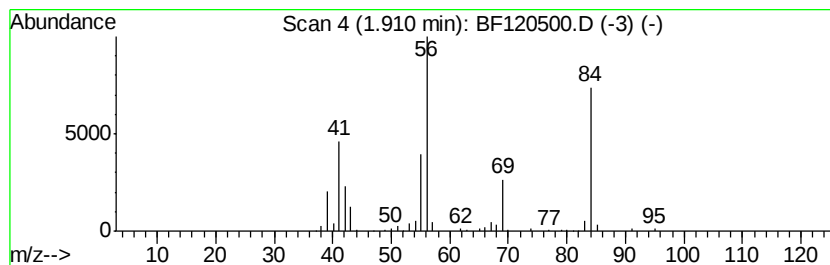
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.91	6.48 ng	332193	1,4-Dichlorobenzene-d4	6.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane	84	C6H12	000110-82-7	91
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	78
3		2-Piperidinemethanol	115	C6H13NO	003433-37-2	56
4		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47
5		Piperidine	85	C5H11N	000110-89-4	33



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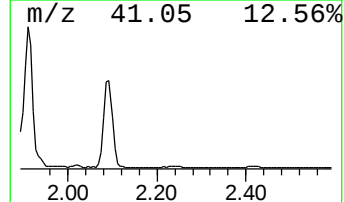
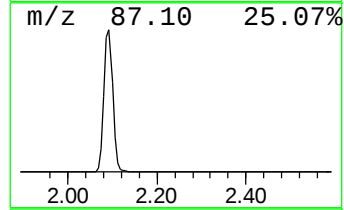
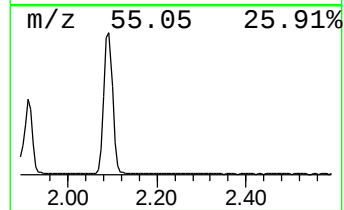
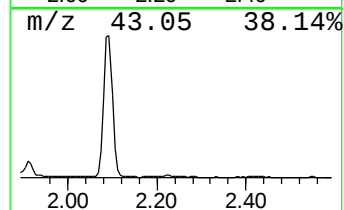
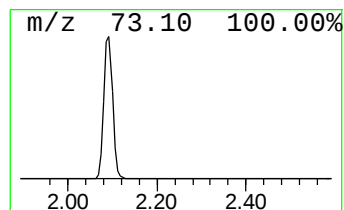
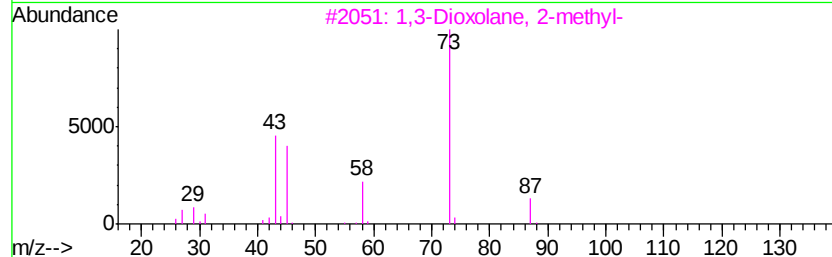
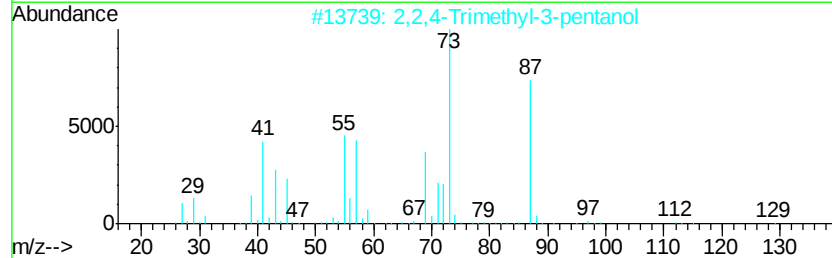
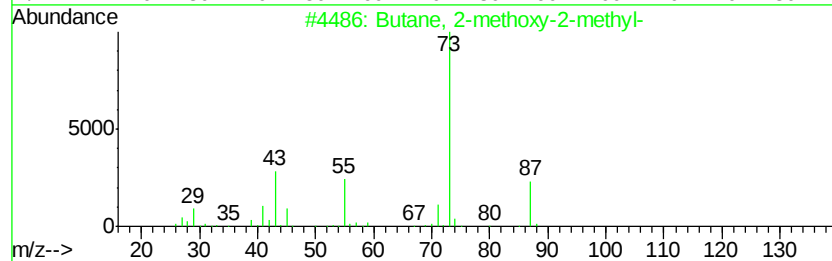
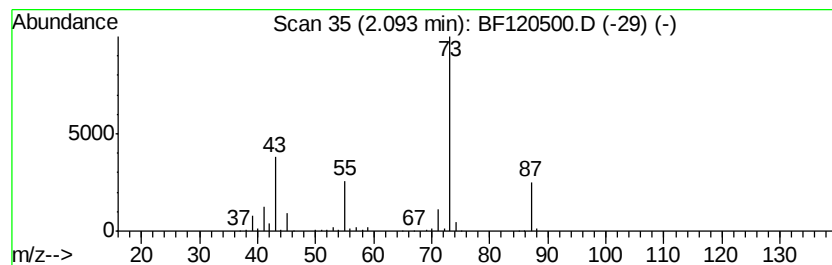
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	17.03 ng	872829	1,4-Dichlorobenzene-d4	6.85

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	38
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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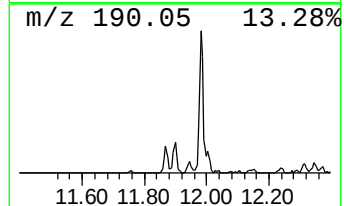
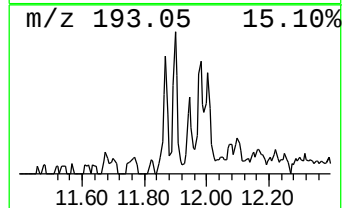
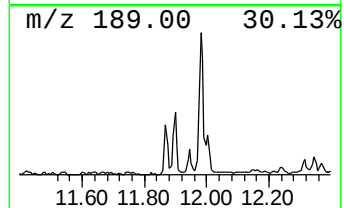
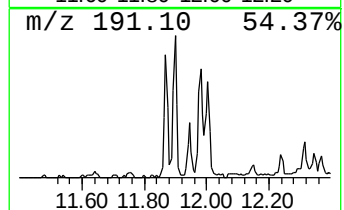
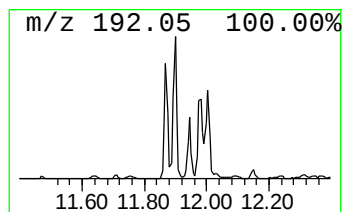
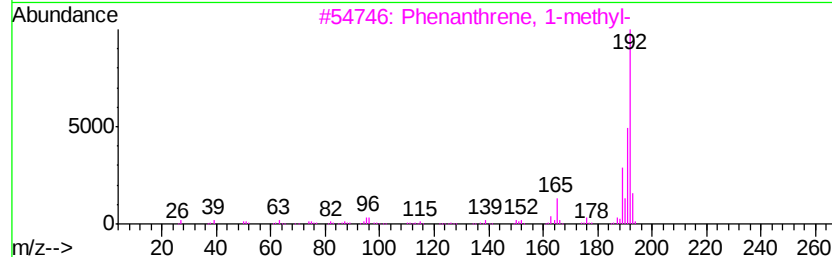
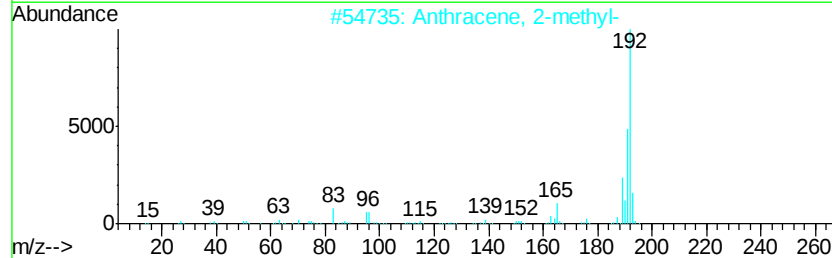
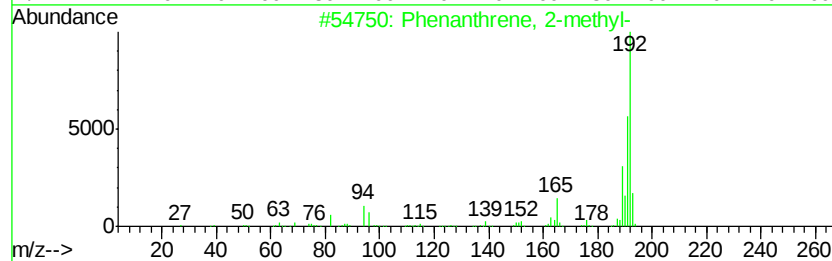
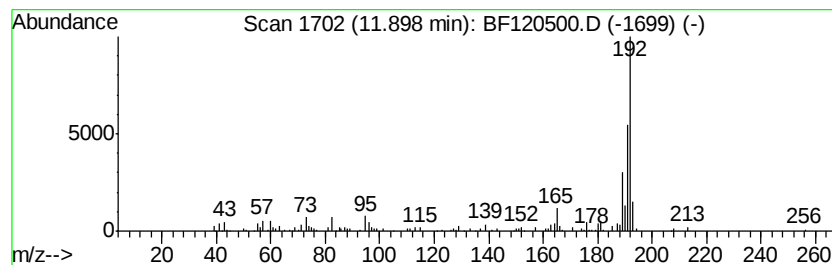
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.24 ng	136171	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93



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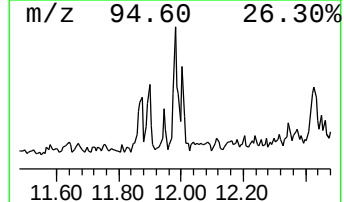
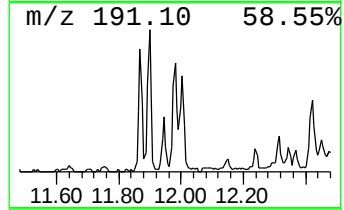
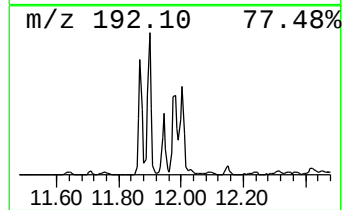
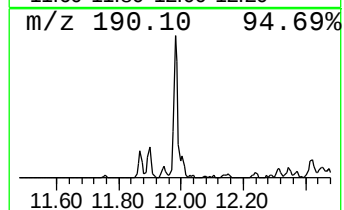
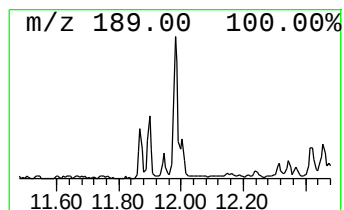
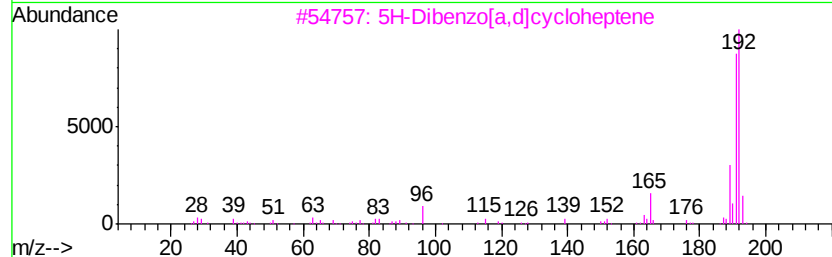
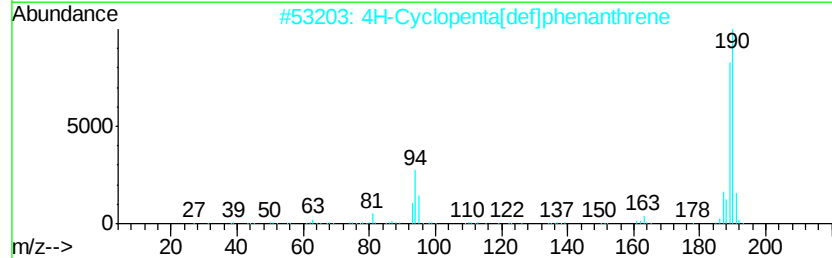
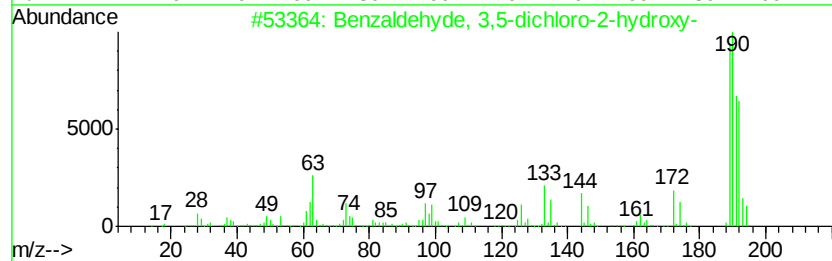
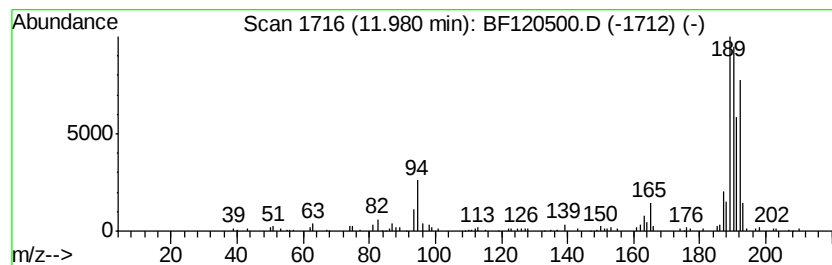
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 Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.14 ng	129884	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyd, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		5H-Dibenzofa,d]cycloheptene	192	C15H12	000256-81-5	42
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120500.D
Acq On : 2 Jun 2020 17:40
Operator : JU/CG
Sample : L2798-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NM2-COMP-2020-0-6

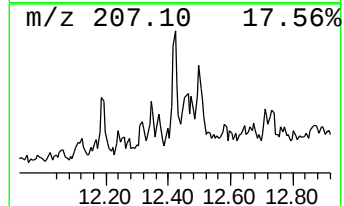
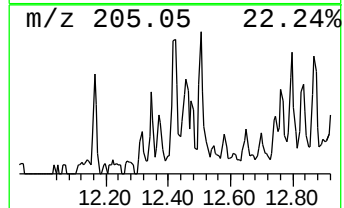
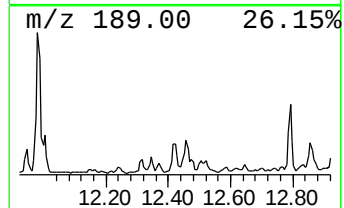
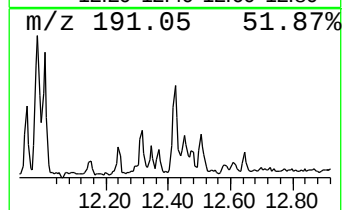
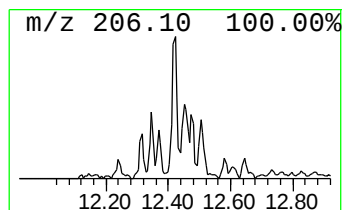
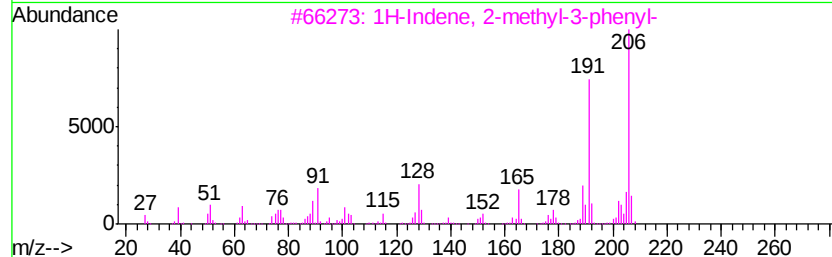
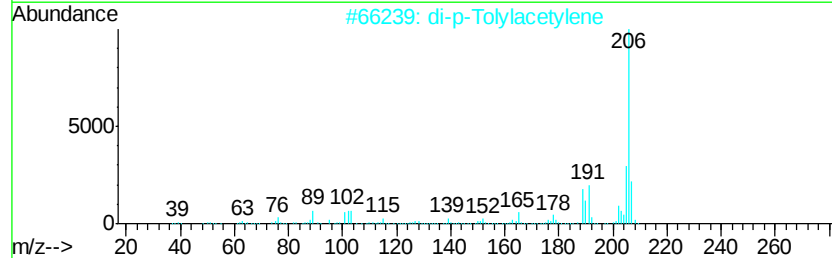
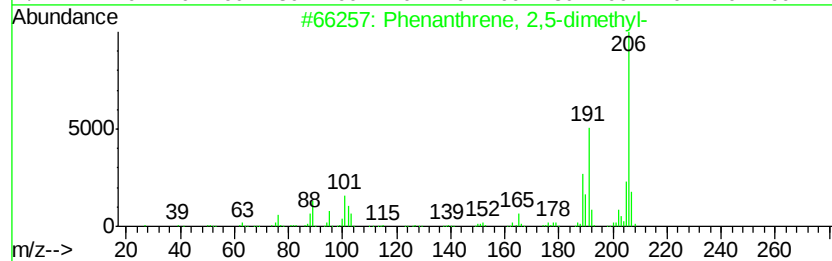
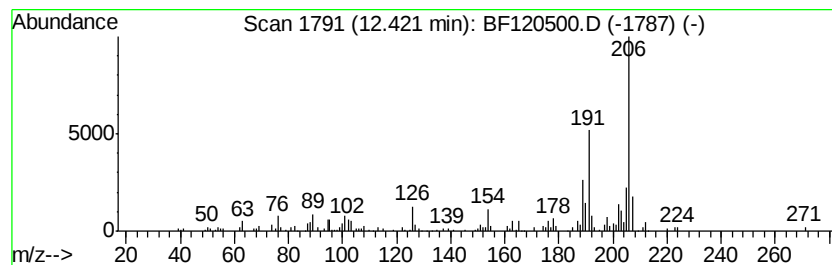
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.11 ng	128420	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120500.D
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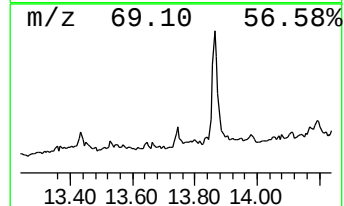
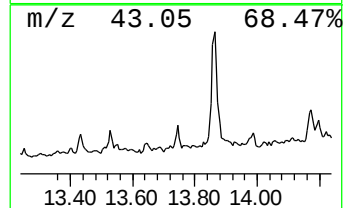
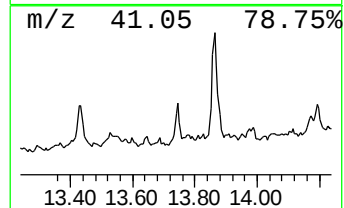
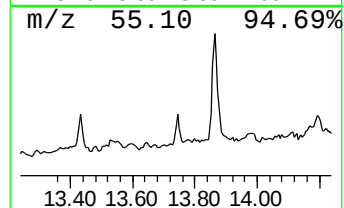
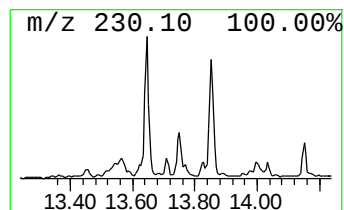
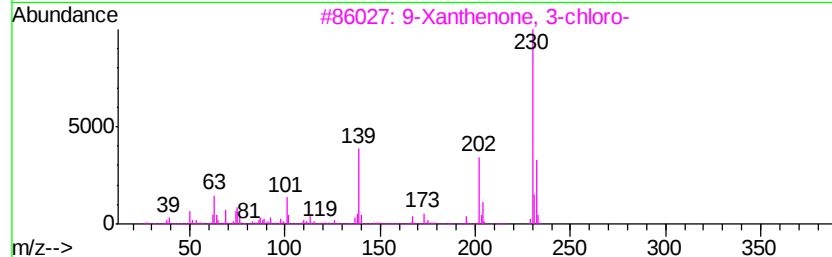
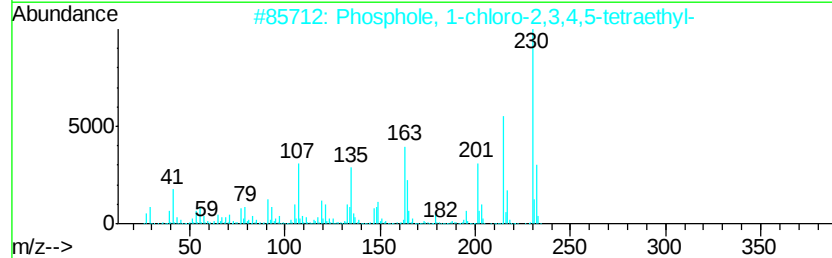
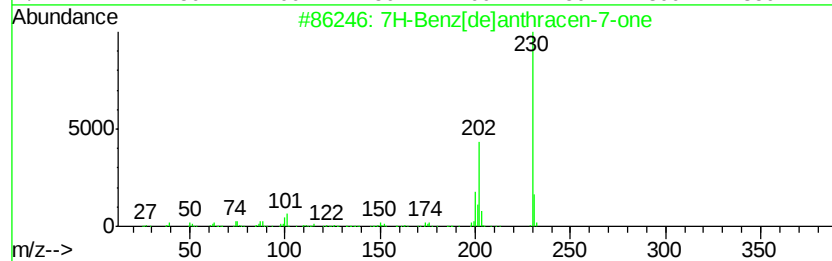
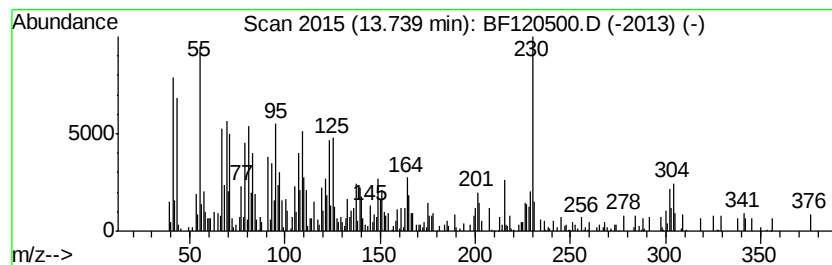
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.25 ng	301550	Chrysene-d12	14.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	52
2		Phosphole, 1-chloro-2,3,4,5-tetr...	230	C12H20ClP	312920-30-2	41
3		9-Xanthenone, 3-chloro-	230	C13H7ClO2	027063-50-9	38
4		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	38
5		p-Terphenyl	230	C18H14	000092-94-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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Sample : L2798-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NM2-COMP-2020-0-6

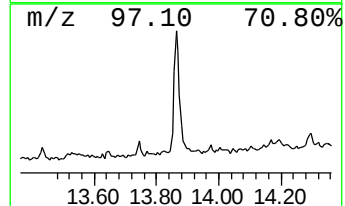
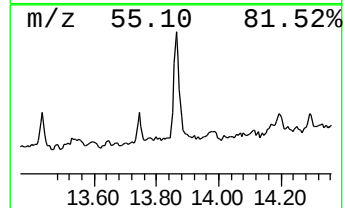
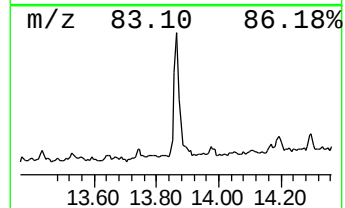
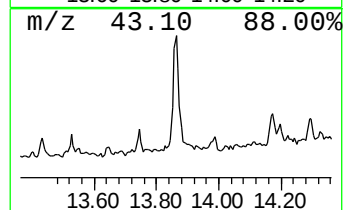
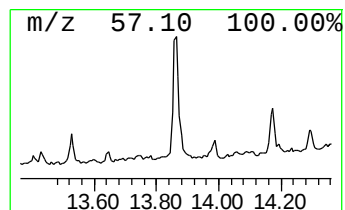
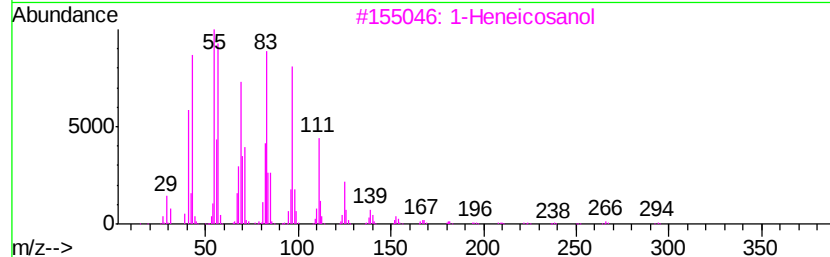
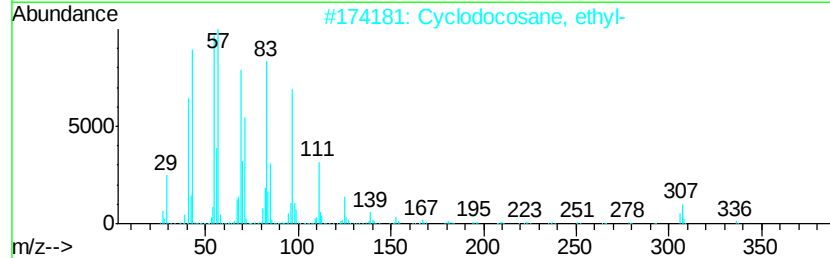
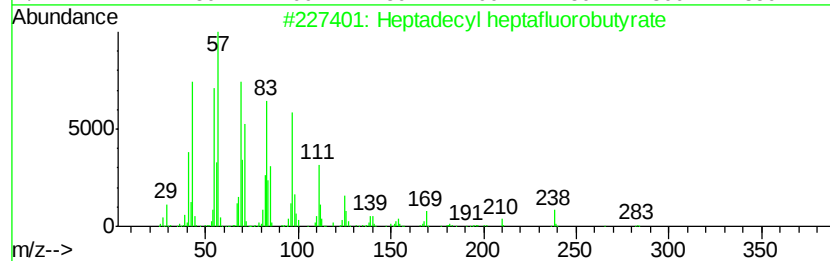
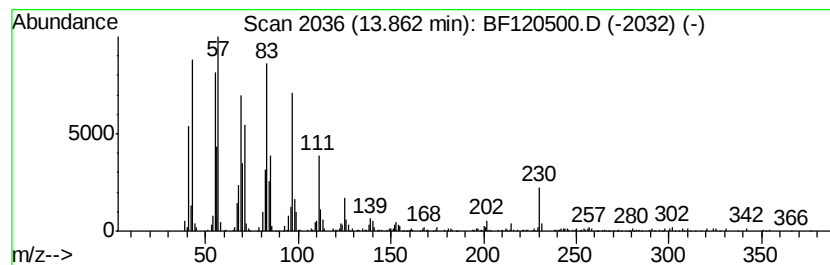
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecyl heptafluorobutyrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	5.49 ng	509328	Chrysene-d12	14.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	90
3		1-Heneicosanol	312	C21H44O	015594-90-8	90
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
5		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120500.D
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Instrument :
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ClientSampleId :
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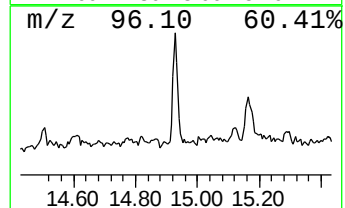
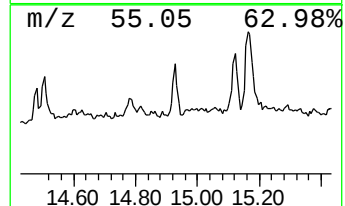
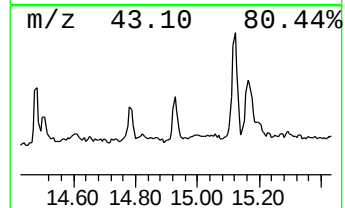
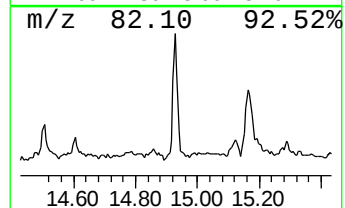
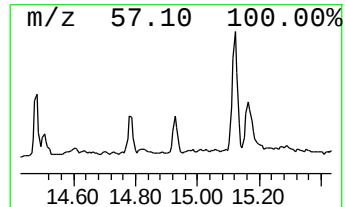
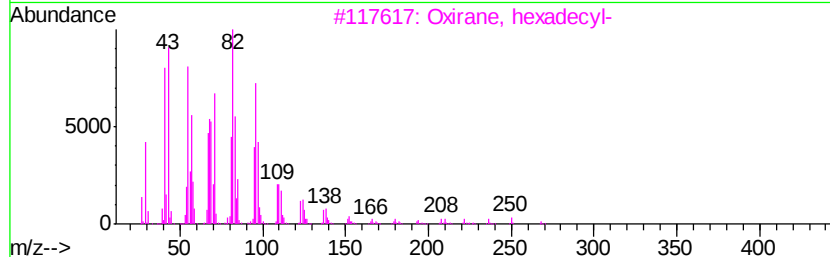
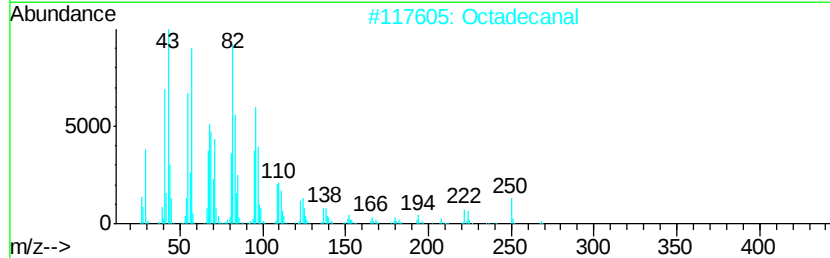
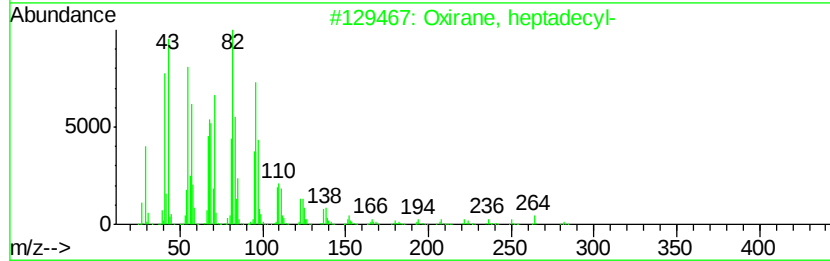
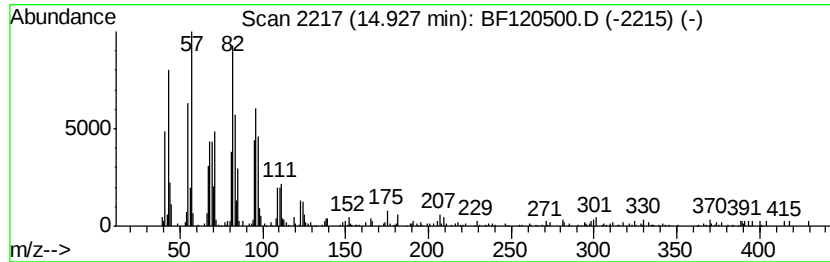
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Oxirane, heptadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.53 ng	120285	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2		Octadecanal	268	C18H36O	000638-66-4	91
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Heptadecanal	254	C17H34O	1000376-70-0	90
5		Tridecanal	198	C13H26O	010486-19-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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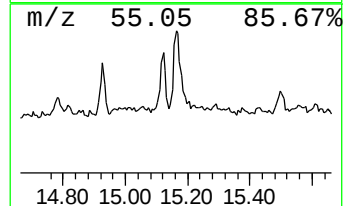
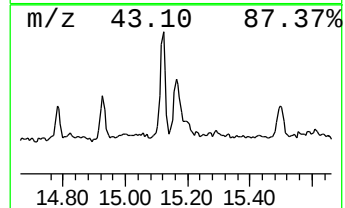
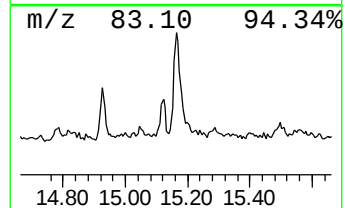
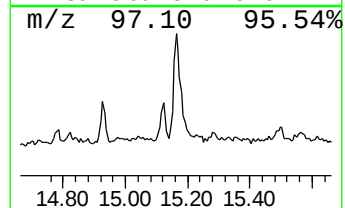
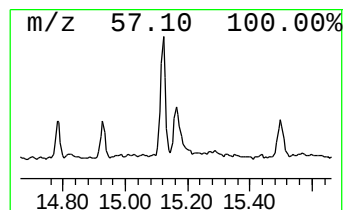
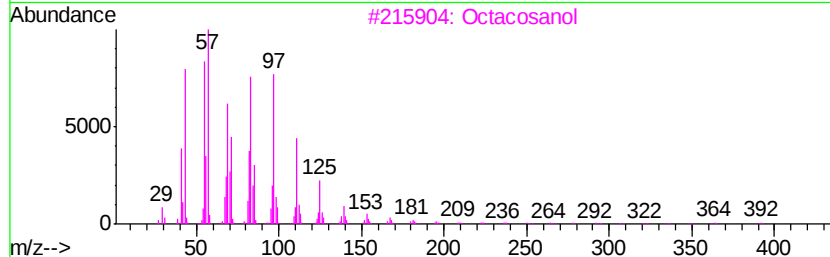
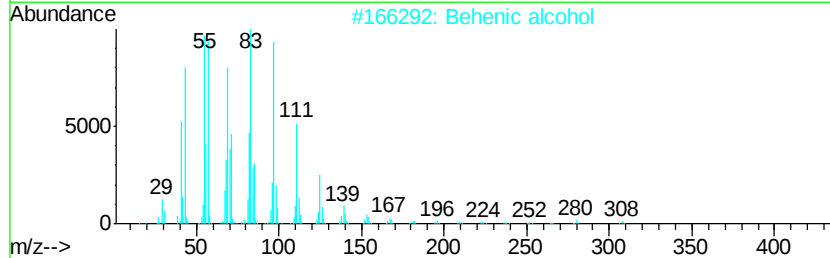
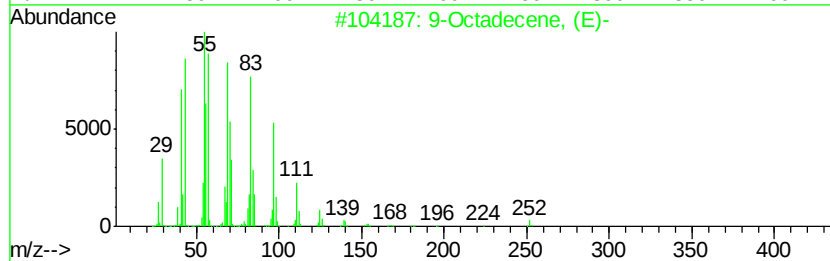
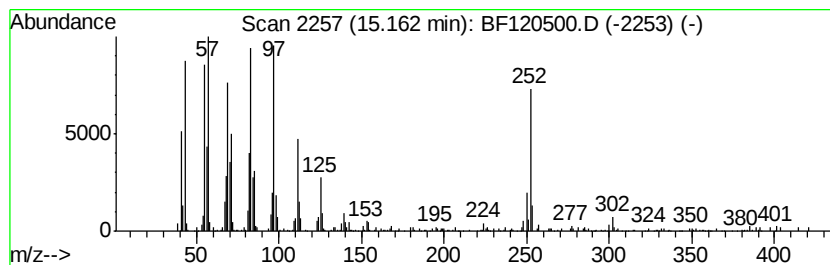
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	9.46 ng	449913	Perylene-d12	15.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Octadecene, (E)-	252 C18H36	007206-25-9	94
2	Behenic alcohol	326 C22H46O	000661-19-8	93
3	Octacosanol	410 C28H58O	000557-61-9	90
4	E-7-Octadecene	252 C18H36	1000130-92-0	89
5	1-Heptacosanol	396 C27H56O	002004-39-9	89



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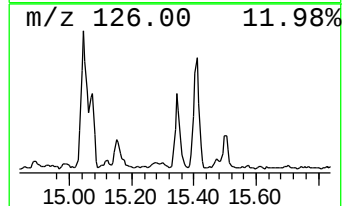
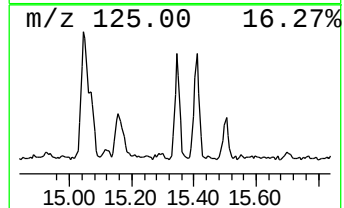
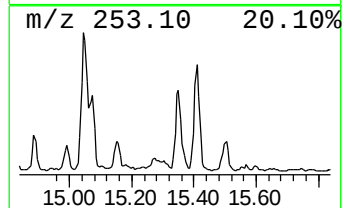
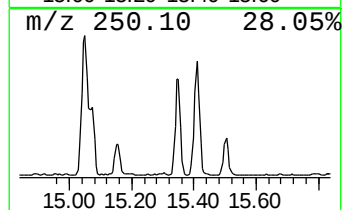
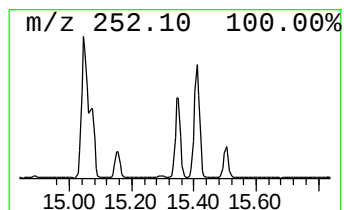
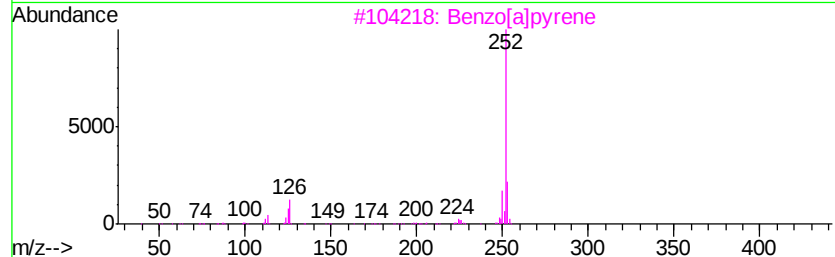
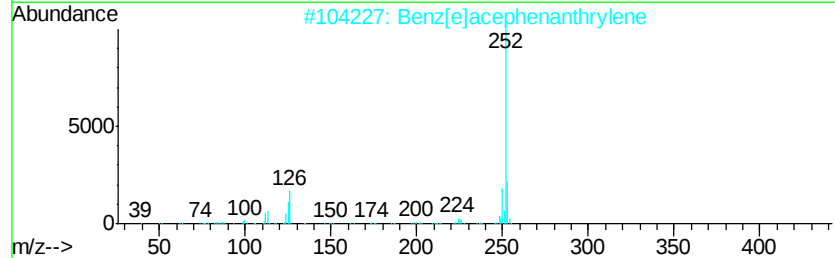
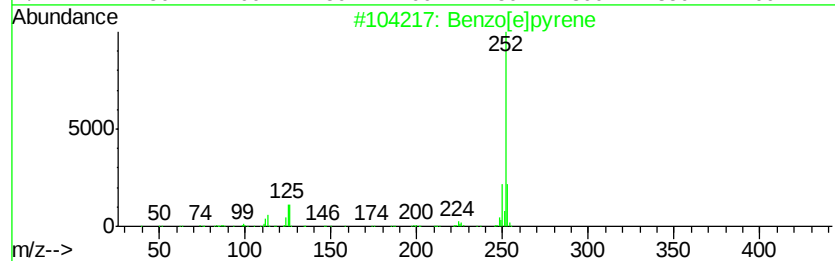
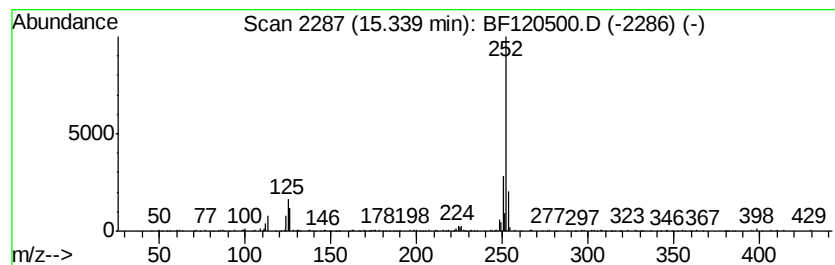
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	6.94 ng	329905	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]bpvrene	252	C20H12	000192-97-2	98
2			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3			Benzo[a]bpvrene	252	C20H12	000050-32-8	95
4			Perylene	252	C20H12	000198-55-0	95
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



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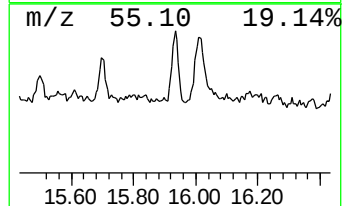
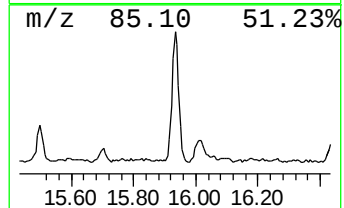
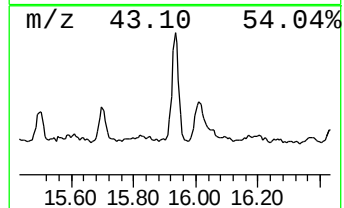
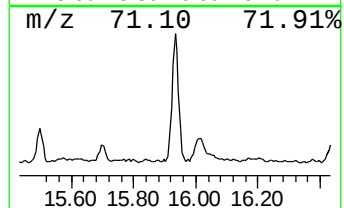
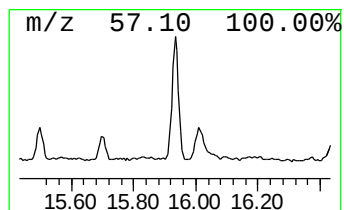
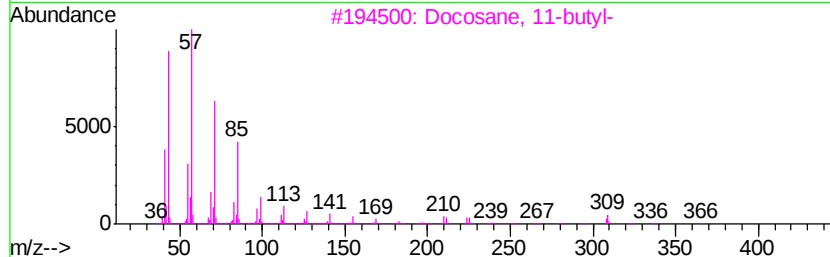
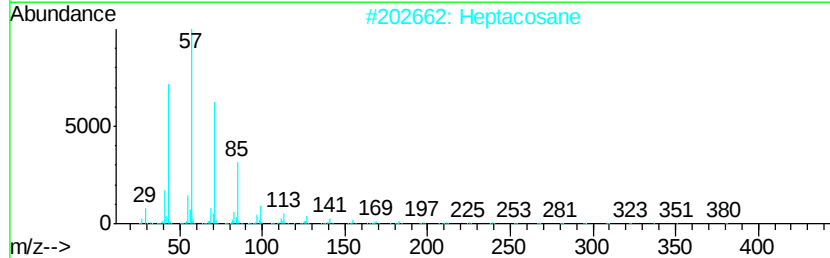
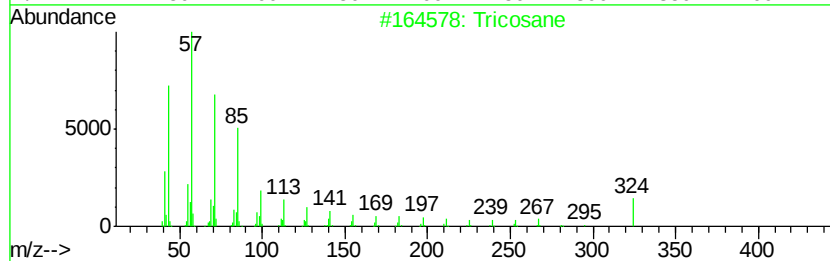
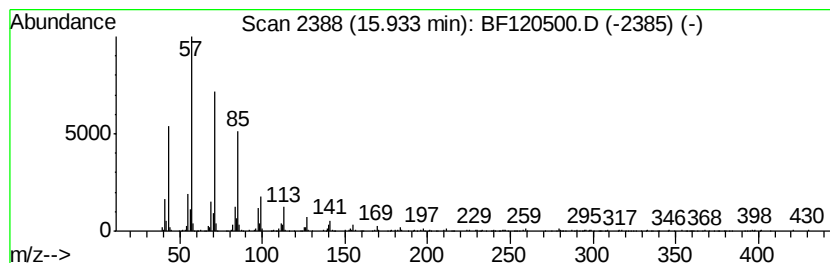
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tricosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	8.96 ng	426315	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	95
2		Heptacosane	380	C27H56	000593-49-7	95
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120500.D
Acq On : 2 Jun 2020 17:40
Operator : JU/CG
Sample : L2798-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-2020-0-6

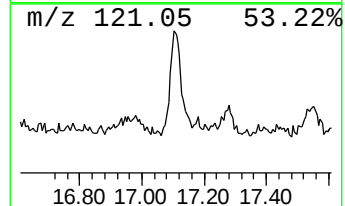
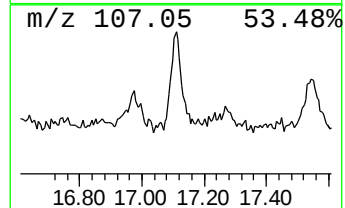
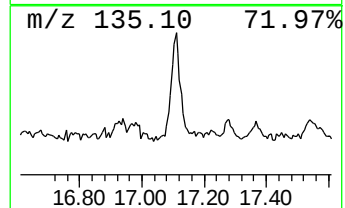
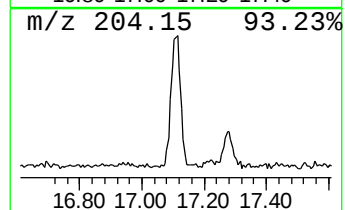
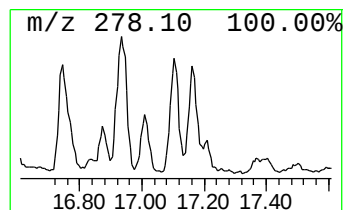
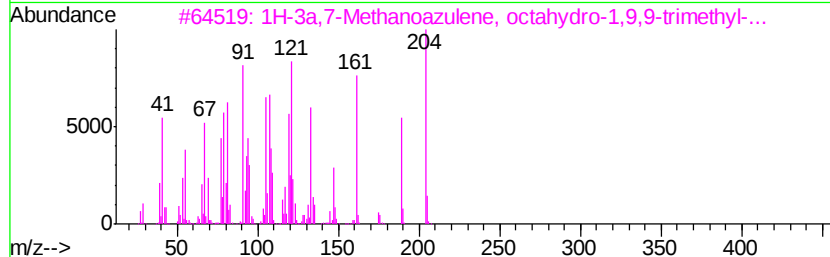
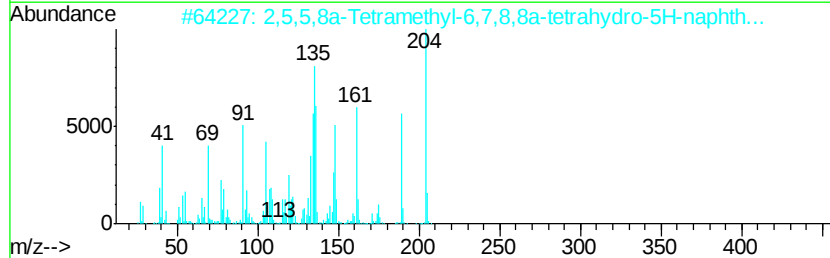
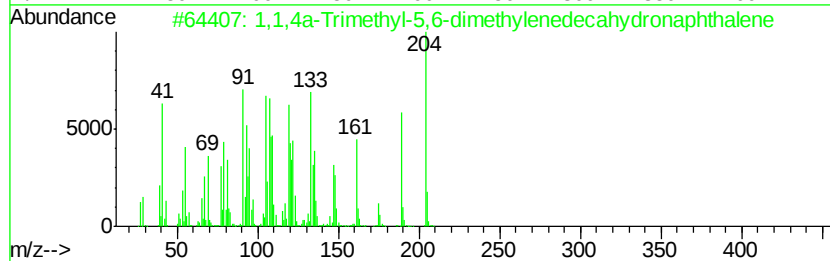
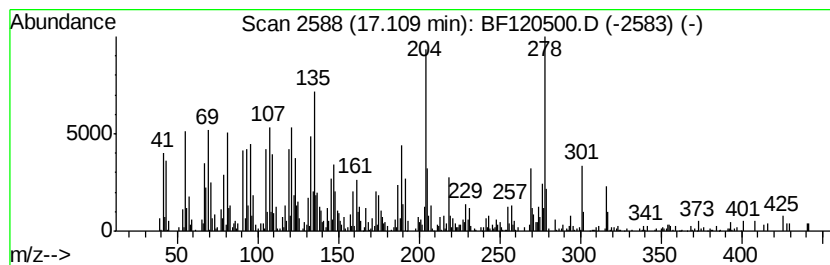
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown17.11 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	9.70 ng	461206	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	49
2		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	46
3		1H-3a,7-Methanoazulene, octahvdr...	204	C15H24	000508-55-4	45
4		Azulene, 1,2,3,5,6,7,8,8a-octahv...	204	C15H24	003691-11-0	43
5		.beta.-Humulene	204	C15H24	000116-04-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060220\
Data File : BF120500.D
Acq On : 2 Jun 2020 17:40
Operator : JU/CG
Sample : L2798-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane	1.91	6.5	ng	332193	1	6.85	1025270	20.0
Butane, 2-methoxy...	2.09	17.0	ng	872829	1	6.85	1025270	20.0
Phenanthrene, 2-m...	11.90	2.2	ng	136171	4	11.37	1214600	20.0
Benzaldehyde, 3,5...	11.98	2.1	ng	129884	4	11.37	1214600	20.0
Phenanthrene, 2,5...	12.42	2.1	ng	128420	4	11.37	1214600	20.0
7H-Benz[de]anthra...	13.74	3.3	ng	301550	5	14.01	1854250	20.0
Heptadecyl hepta...	13.86	5.5	ng	509328	5	14.01	1854250	20.0
Oxirane, heptadecyl-	14.93	2.5	ng	120285	6	15.47	951231	20.0
9-Octadecene, (E)-	15.16	9.5	ng	449913	6	15.47	951231	20.0
Benzo[e]pyrene	15.34	6.9	ng	329905	6	15.47	951231	20.0
Tricosane	15.93	9.0	ng	426315	6	15.47	951231	20.0
unknown17.11	17.11	9.7	ng	461206	6	15.47	951231	20.0