

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082120\
 Data File : BF121389.D
 Acq On : 22 Aug 2020 2:27
 Operator : JU/CG
 Sample : L3720-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MP-081920-B10-0-2-COMP

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-BF081920.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	4.010	321	327	336	rBV	26055	39256	1.42%	0.131%
2	4.093	336	341	348	rBV	31007	45093	1.63%	0.151%
3	4.898	474	478	485	rBV	39664	50935	1.84%	0.171%
4	5.310	544	548	568	rBV	2209671	2374054	85.98%	7.948%
5	6.345	719	724	742	rBV	2322731	2389568	86.54%	8.000%
6	6.534	753	756	761	rBV	105200	109804	3.98%	0.368%
7	6.698	780	784	790	rBV	1019675	833535	30.19%	2.791%
8	7.263	875	880	883	rBV	1653889	1599220	57.92%	5.354%
9	7.981	998	1002	1005	rBV	1243051	1020541	36.96%	3.417%
10	9.057	1180	1185	1188	rBV	3069628	2761120	100.00%	9.244%
11	9.175	1200	1205	1209	rVB4	27041	41230	1.49%	0.138%
12	9.451	1248	1252	1259	rBV	607750	483541	17.51%	1.619%
13	9.551	1266	1269	1274	rBV3	16749	32704	1.18%	0.109%
14	9.733	1295	1300	1303	rBV	1152995	1078567	39.06%	3.611%
15	9.763	1303	1305	1309	rVB	54985	44087	1.60%	0.148%
16	10.133	1365	1368	1372	rBV2	36390	43998	1.59%	0.147%
17	10.275	1389	1392	1398	rVB2	30506	32595	1.18%	0.109%
18	10.522	1430	1434	1438	rBV	1535383	1375804	49.83%	4.606%
19	11.216	1548	1552	1554	rBV	1113563	951759	34.47%	3.186%
20	11.239	1554	1556	1560	rVV	475163	384451	13.92%	1.287%
21	11.292	1562	1565	1568	rVB	103211	94713	3.43%	0.317%
22	11.451	1585	1592	1600	rBV2	189924	328456	11.90%	1.100%
23	11.716	1634	1637	1639	rBV	81126	65455	2.37%	0.219%
24	11.745	1639	1642	1645	rVV	114316	112959	4.09%	0.378%
25	11.780	1645	1648	1653	rVV2	72859	96564	3.50%	0.323%
26	11.827	1653	1656	1658	rVV	120859	123178	4.46%	0.412%
27	11.851	1658	1660	1664	rVB	55975	45612	1.65%	0.153%
28	11.933	1670	1674	1679	rBV6	21459	37915	1.37%	0.127%
29	12.010	1684	1687	1689	rBV	44316	43259	1.57%	0.145%
30	12.186	1713	1717	1725	rBV	1780231	2436098	88.23%	8.156%
31	12.280	1729	1733	1742	rVB5	121160	314722	11.40%	1.054%
32	12.351	1742	1745	1753	rBV2	42537	56419	2.04%	0.189%
33	12.427	1754	1758	1764	rBV	788216	669482	24.25%	2.241%
34	12.563	1778	1781	1782	rBV2	32678	31014	1.12%	0.104%

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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 >

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35	12.586	1783	1785	1790	rVB	55165	58027	2.10%	0.194%
36	12.657	1790	1797	1799	rBV	714794	732955	26.55%	2.454%
37	12.704	1803	1805	1809	rVB2	44624	41764	1.51%	0.140%
38	12.739	1809	1811	1814	rVB	42556	31921	1.16%	0.107%
39	12.804	1818	1822	1825	rVV	2210239	2158649	78.18%	7.227%
40	12.880	1829	1835	1838	rBV2	53980	97974	3.55%	0.328%
41	12.939	1841	1845	1846	rBV3	34971	41790	1.51%	0.140%
42	12.986	1850	1853	1856	rVB	86300	94252	3.41%	0.316%
43	13.033	1856	1861	1862	rBV3	69027	75500	2.73%	0.253%
44	13.051	1862	1864	1866	rVB	53030	41042	1.49%	0.137%
45	13.086	1866	1870	1878	rVB3	92241	116676	4.23%	0.391%
46	13.145	1878	1880	1883	rBV3	25526	32400	1.17%	0.108%
47	13.180	1883	1886	1888	rVB	47949	43148	1.56%	0.144%
48	13.210	1888	1891	1895	rBV2	53368	53971	1.95%	0.181%
49	13.263	1898	1900	1905	rVB2	58287	58921	2.13%	0.197%
50	13.374	1914	1919	1922	rBV4	75014	110155	3.99%	0.369%
51	13.410	1922	1925	1928	rVV	348550	342368	12.40%	1.146%
52	13.445	1928	1931	1933	rVV	68154	71628	2.59%	0.240%
53	13.492	1936	1939	1944	rVB2	85552	96615	3.50%	0.323%
54	13.604	1955	1958	1960	rBV2	51322	47063	1.70%	0.158%
55	13.627	1960	1962	1964	rBV	56944	43341	1.57%	0.145%
56	13.651	1964	1966	1972	rVB3	44651	53711	1.95%	0.180%
57	13.704	1972	1975	1982	rBV	378935	555911	20.13%	1.861%
58	13.851	1994	2000	2003	rBV3	1055799	1492596	54.06%	4.997%
59	13.880	2003	2005	2008	rVB	330406	256024	9.27%	0.857%
60	13.957	2016	2018	2021	rVB	48195	38494	1.39%	0.129%
61	14.021	2026	2029	2031	rBV	85727	72112	2.61%	0.241%
62	14.239	2064	2066	2069	rVB	66096	52455	1.90%	0.176%
63	14.327	2078	2081	2083	rBV2	92396	96141	3.48%	0.322%
64	14.621	2128	2131	2134	rVB	103133	88780	3.22%	0.297%
65	14.757	2152	2154	2163	rVB5	75729	80044	2.90%	0.268%
66	14.868	2169	2173	2176	rBV	324784	473945	17.16%	1.587%
67	14.939	2182	2185	2188	rVB	95167	94684	3.43%	0.317%
68	14.974	2188	2191	2196	rBV2	88637	165200	5.98%	0.553%
69	15.151	2218	2221	2227	rVB	202689	226871	8.22%	0.760%
70	15.210	2227	2231	2236	rBV	290578	335808	12.16%	1.124%
71	15.268	2237	2241	2244	rBV	749298	897291	32.50%	3.004%

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Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	15.692	2309	2313	2320	rBV2	84723	146765	5.32%	0.491%
73	16.633	2469	2473	2479	rVB2	120393	205494	7.44%	0.688%

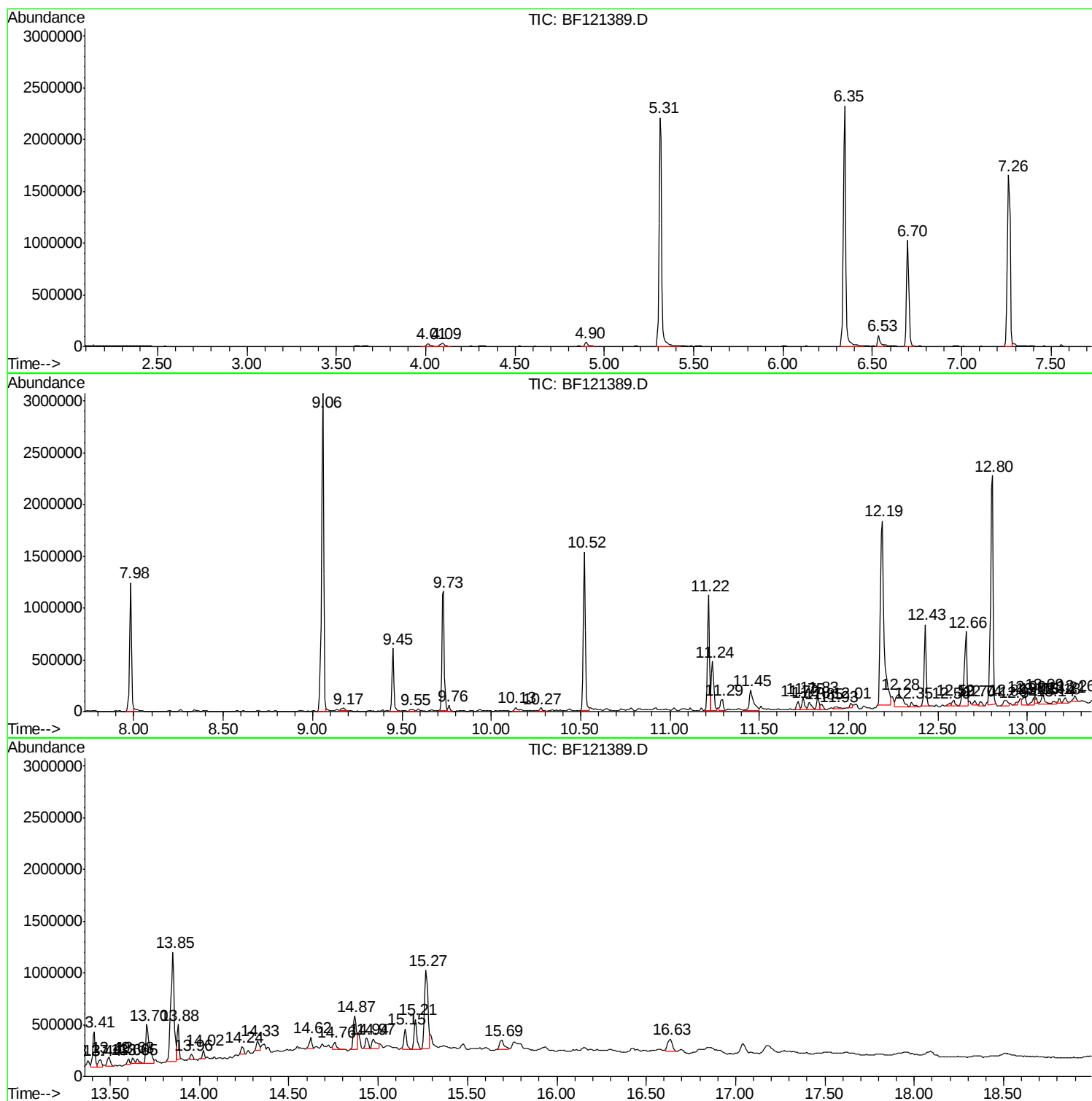
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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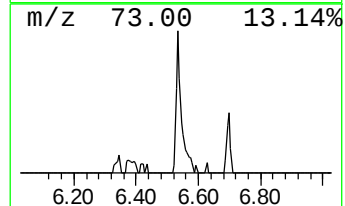
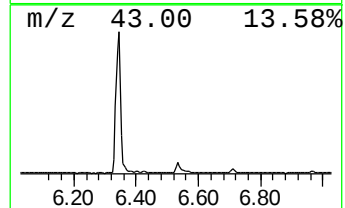
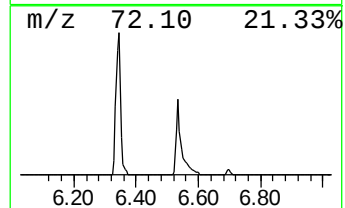
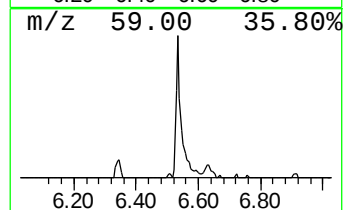
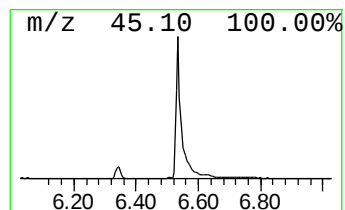
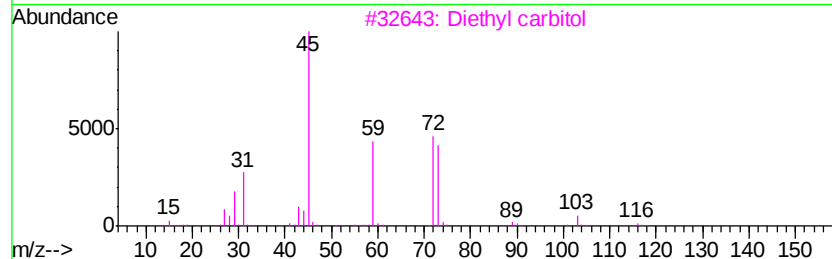
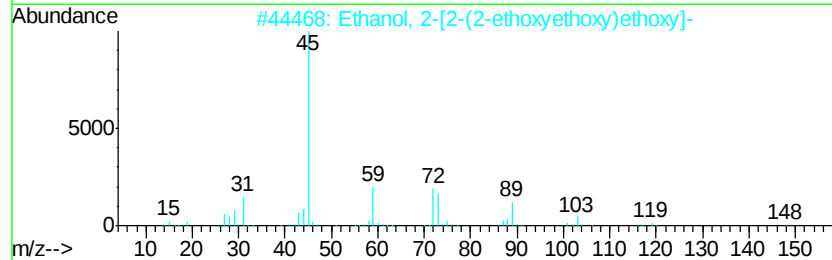
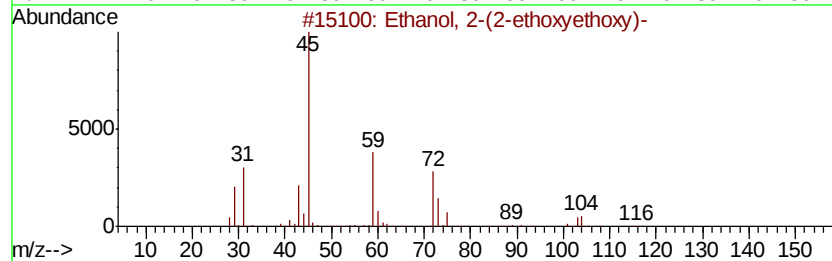
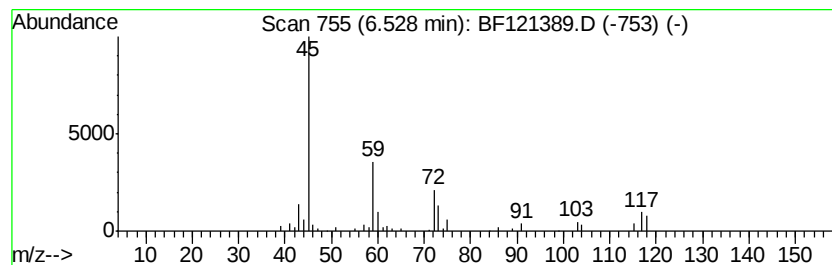
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	2.63 ng	109804	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
2		Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45
3		Diethyl carbitol	162	C8H18O3	000112-36-7	43
4		2-Propanol, 1-(1-methoxyethoxy)-	118	C6H14O2	003944-36-3	42
5		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	40



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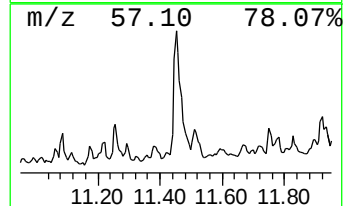
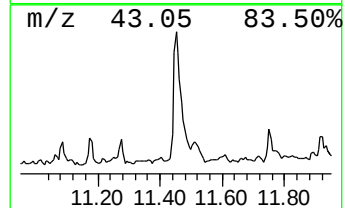
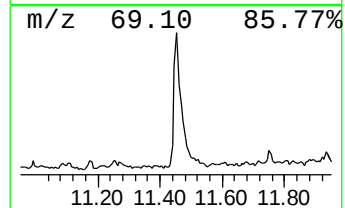
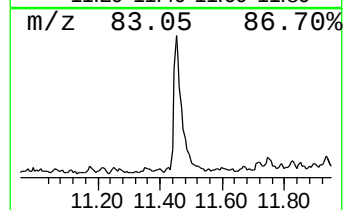
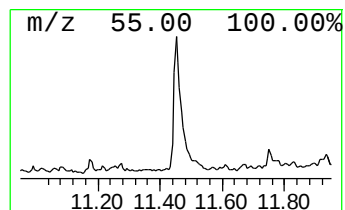
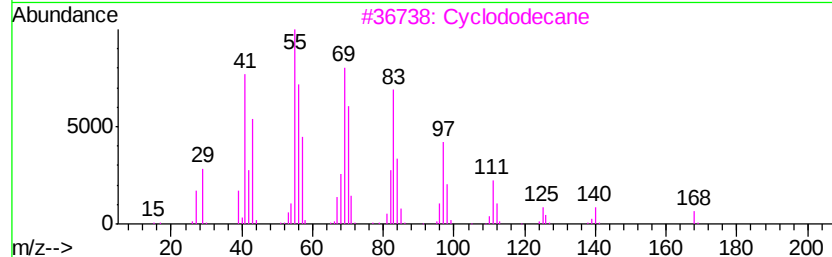
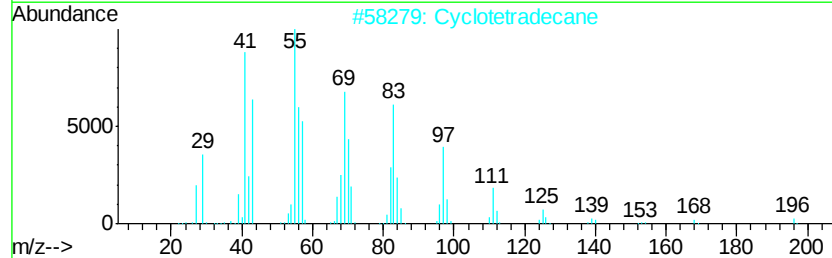
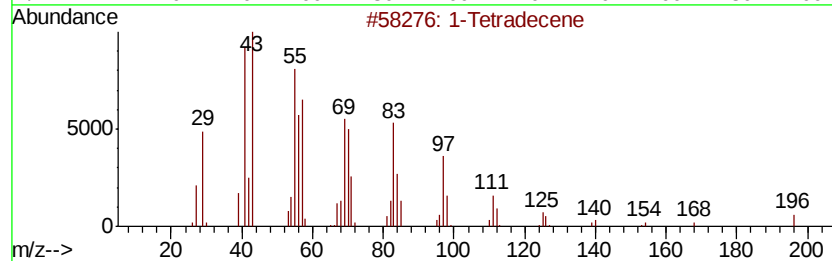
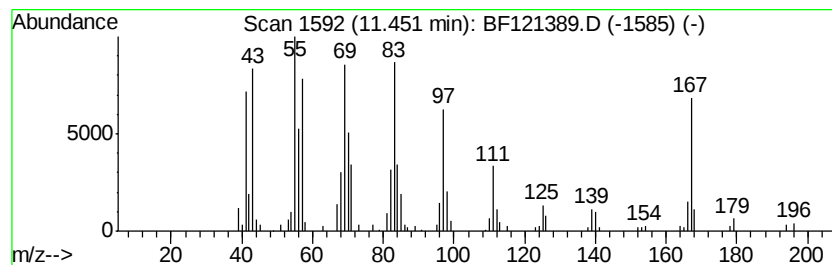
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1-Tetradecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.45	6.90 ng	328456	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	97
2	Cyclotetradecane	196	C14H28	000295-17-0	97
3	Cyclododecane	168	C12H24	000294-62-2	95
4	Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	93
5	1-Hexadecanol	242	C16H34O	036653-82-4	93



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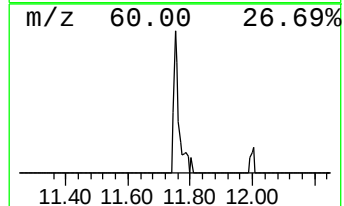
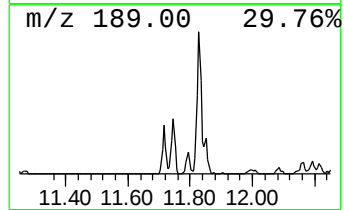
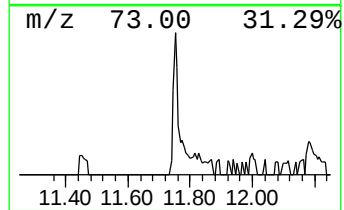
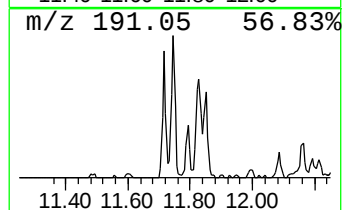
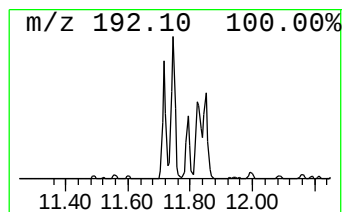
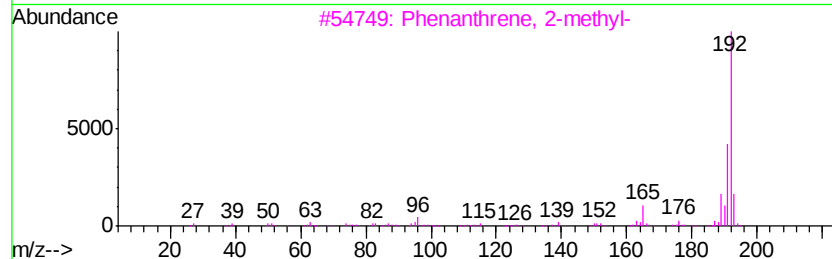
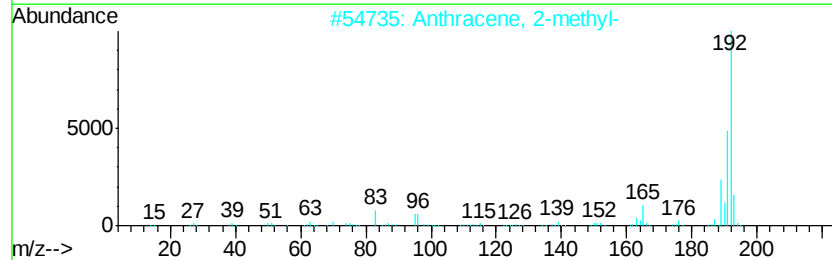
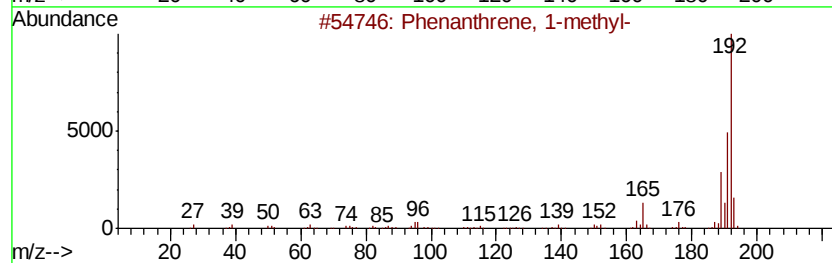
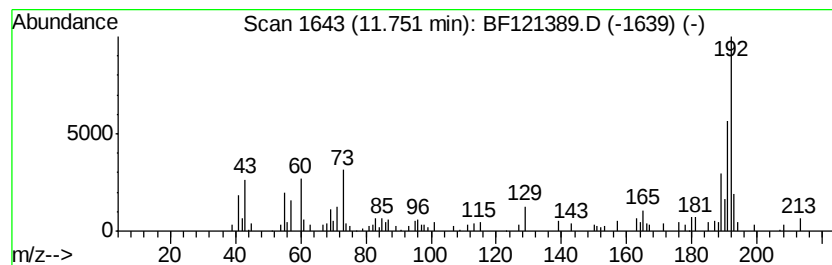
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	2.37 ng	112959	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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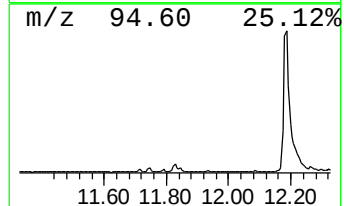
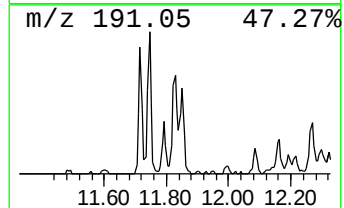
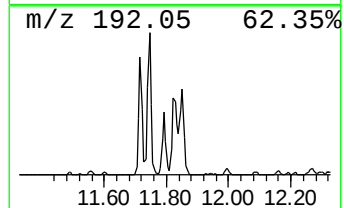
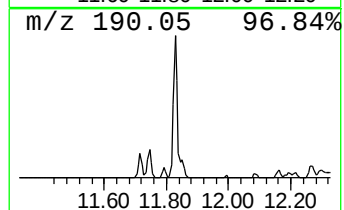
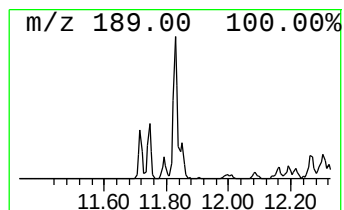
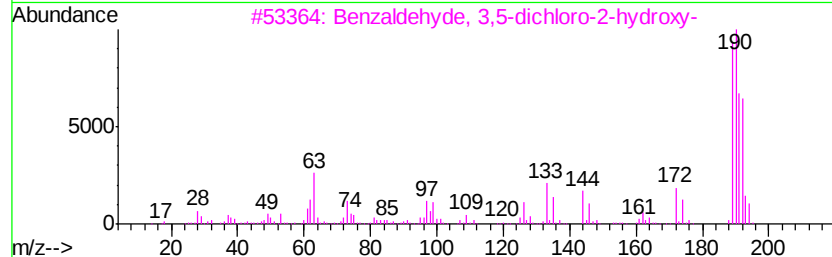
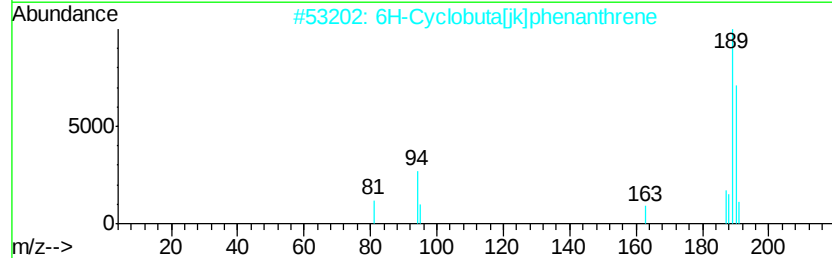
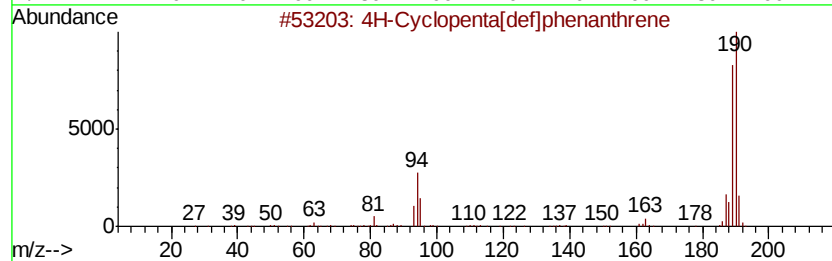
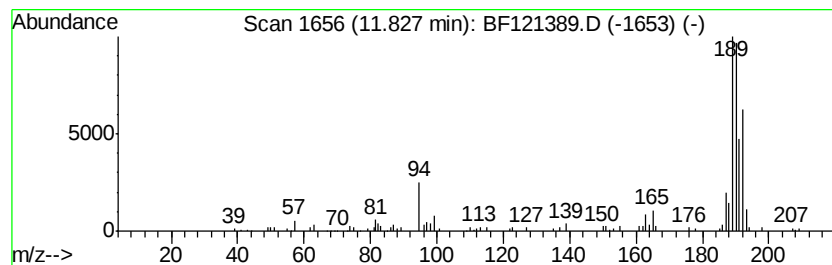
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.83	2.59 ng	123178	Phenanthrene-d10	11.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121389.D
Acq On : 22 Aug 2020 2:27
Operator : JU/CG
Sample : L3720-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

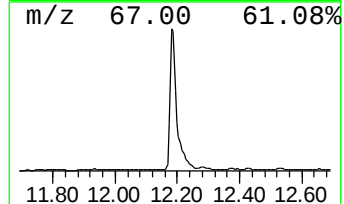
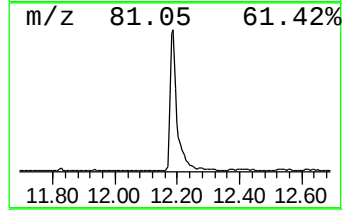
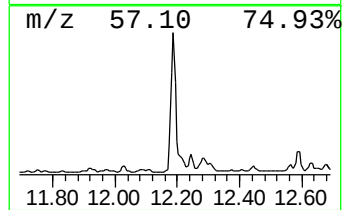
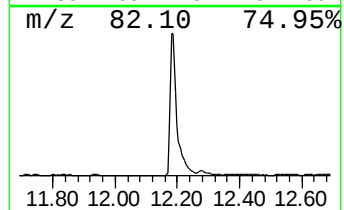
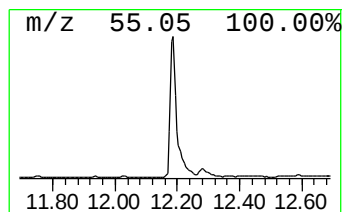
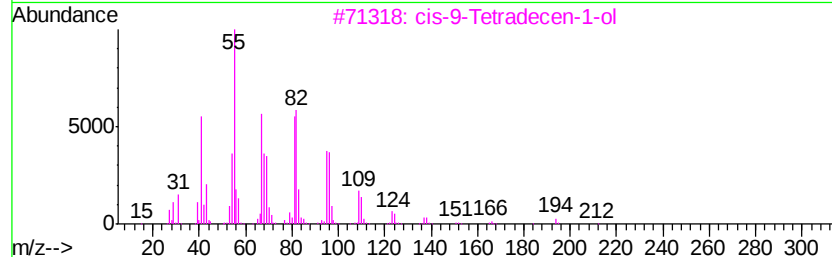
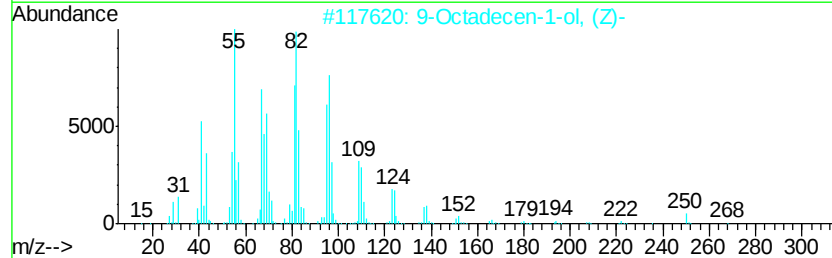
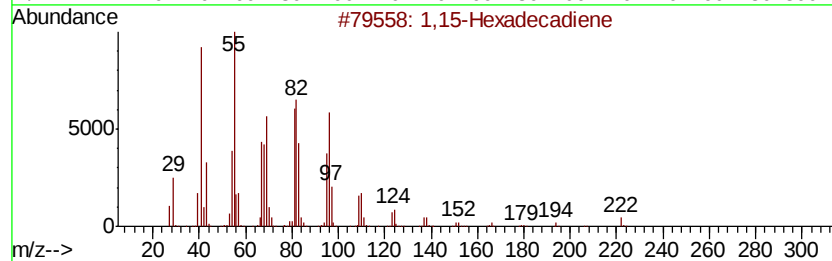
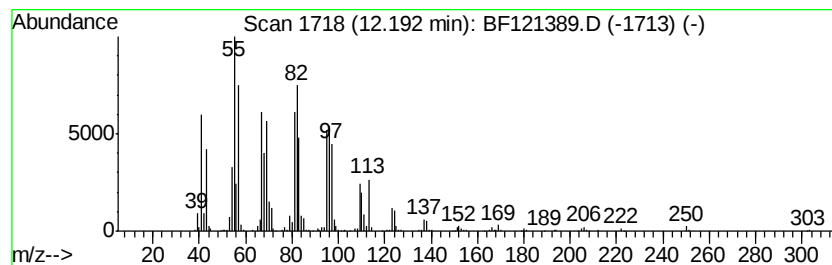
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,15-Hexadecadiene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.19	51.19 ng	2436100	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,15-Hexadecadiene	222	C16H30	021964-51-2	96
2	9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	90
3	cis-9-Tetradecen-1-ol	212	C14H28O	035153-15-2	90
4	E-2-Octadecadecen-1-ol	268	C18H36O	1000131-10-2	90
5	E-10-Pentadecenol	226	C15H30O	1000245-48-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121389.D
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ClientSampleId :
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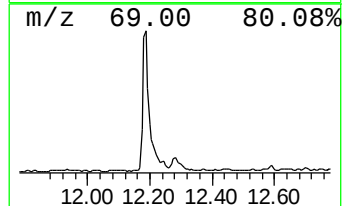
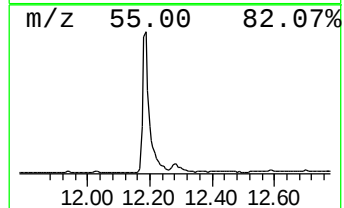
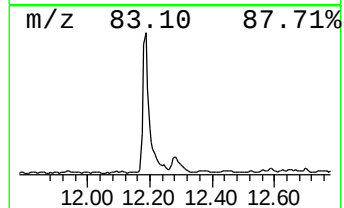
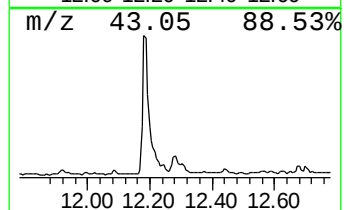
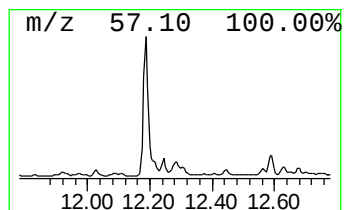
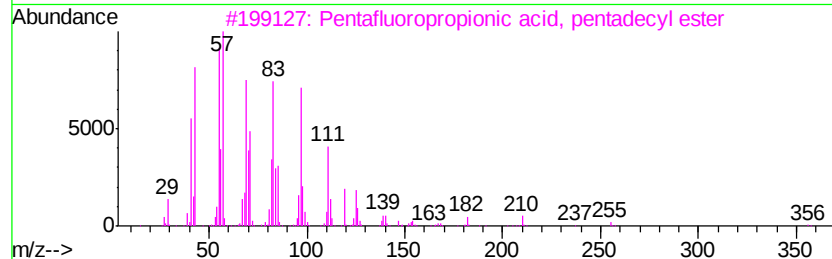
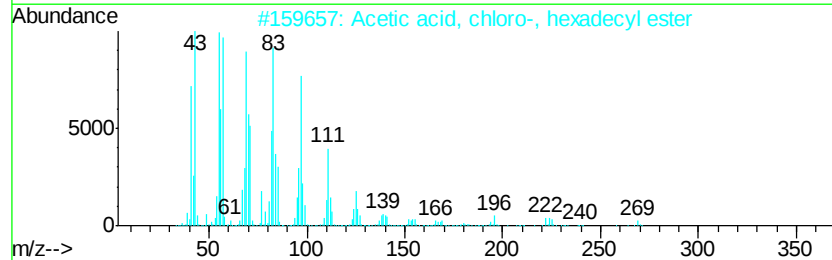
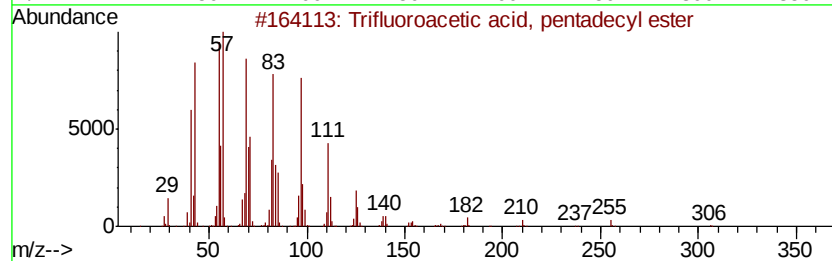
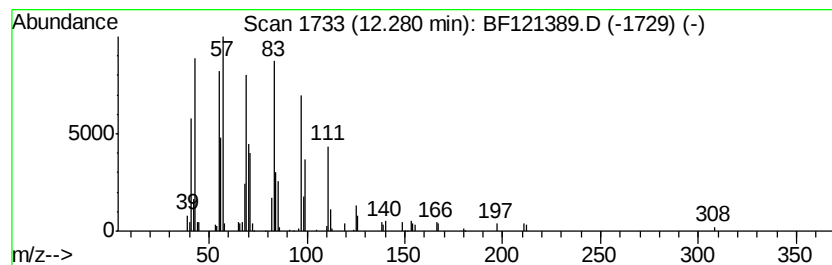
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Trifluoroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	6.61 ng	314722	Phenanthrene-d10	11.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
2			Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
3			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4			Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	91
5			1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
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Sample : L3720-03
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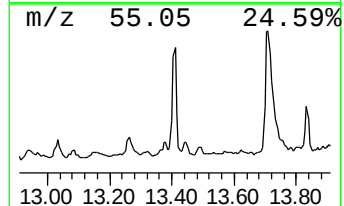
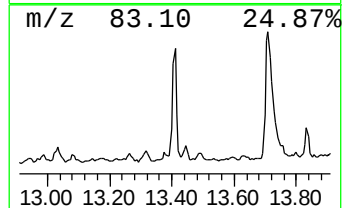
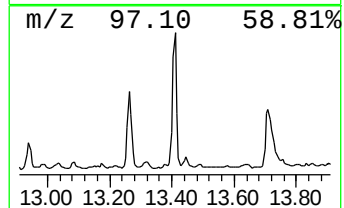
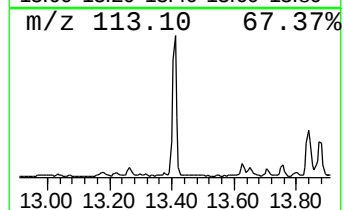
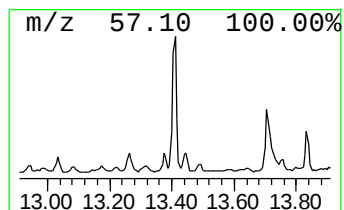
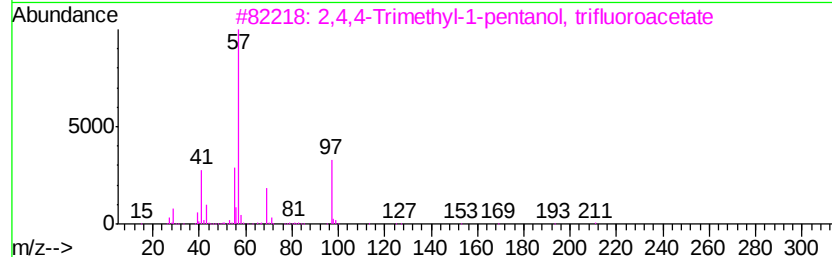
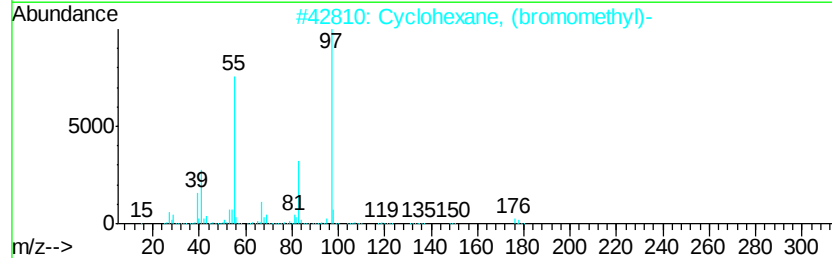
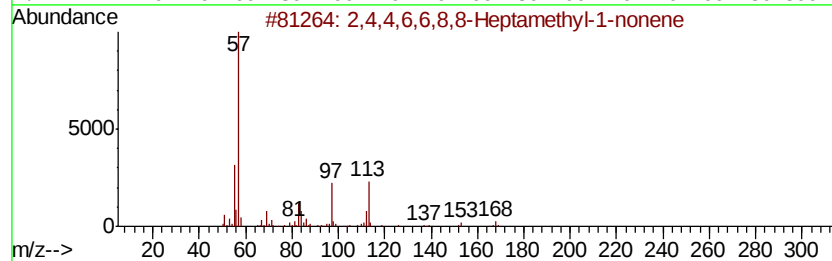
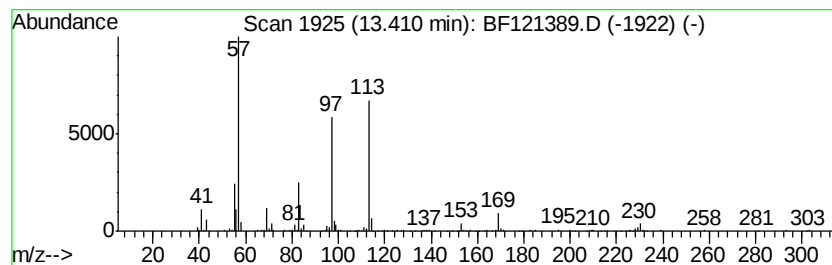
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.41	4.59 ng	342368	Chrysene-d12	13.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	72
2	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	27
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	27
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
5	(Z)1-Allyl-2-methylcyclohexanol	154	C10H18O	1000311-73-6	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
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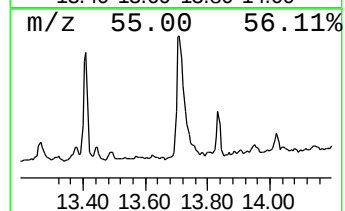
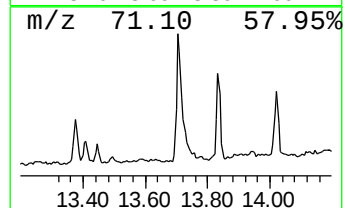
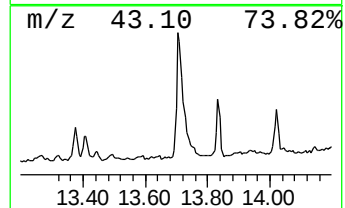
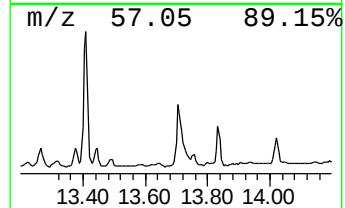
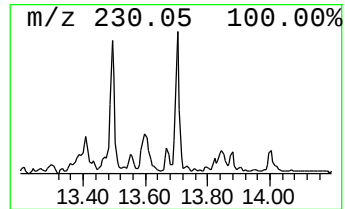
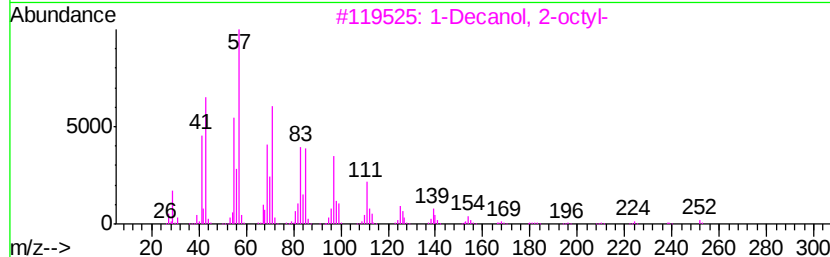
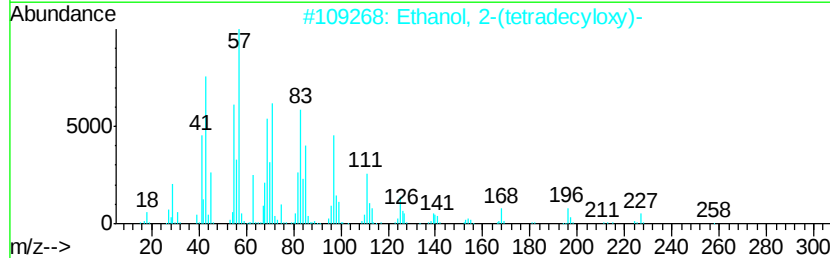
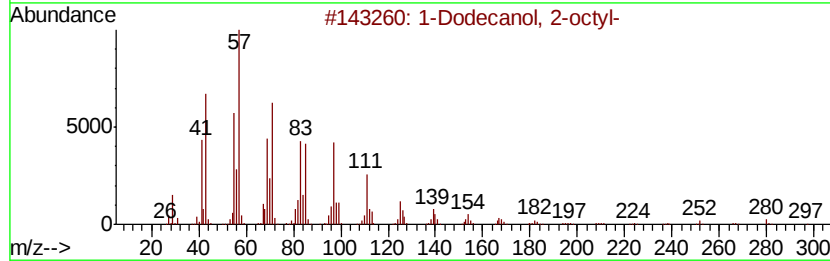
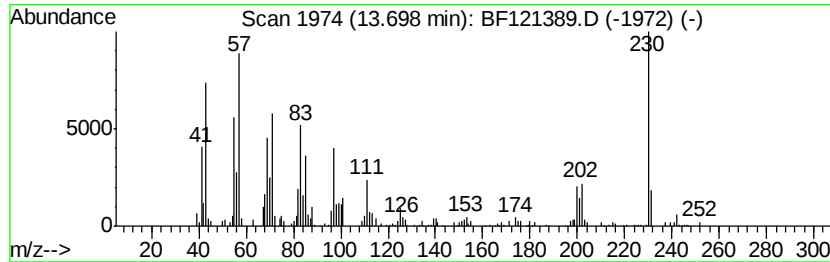
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Dodecanol, 2-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.70	7.45 ng	555911	Chrysene-d12	13.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	70
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70
3		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	70
4		Heptafluorobutyric acid, n-octadecyl-	466	C22H37F7O2	000400-57-7	64
5		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121389.D
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Operator : JU/CG
Sample : L3720-03
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ClientSampleId :
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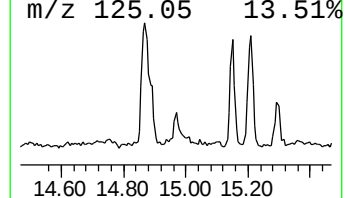
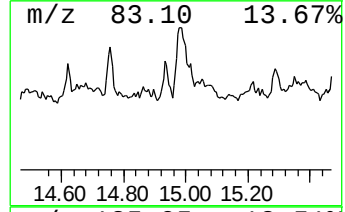
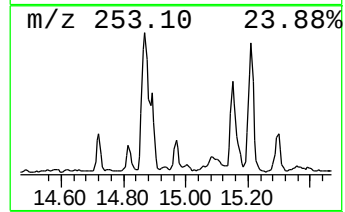
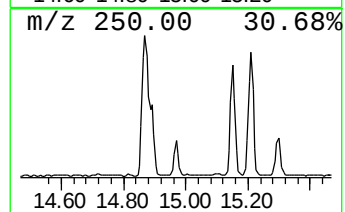
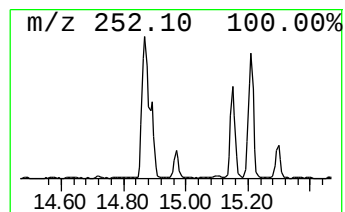
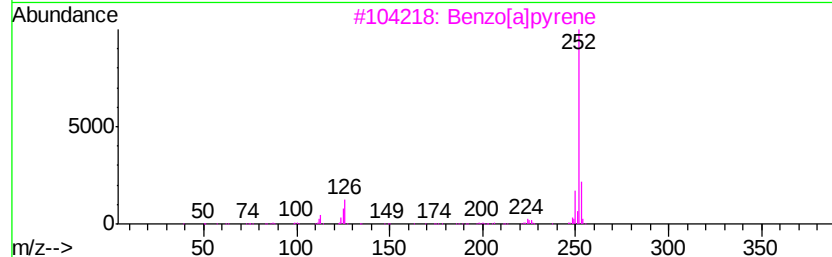
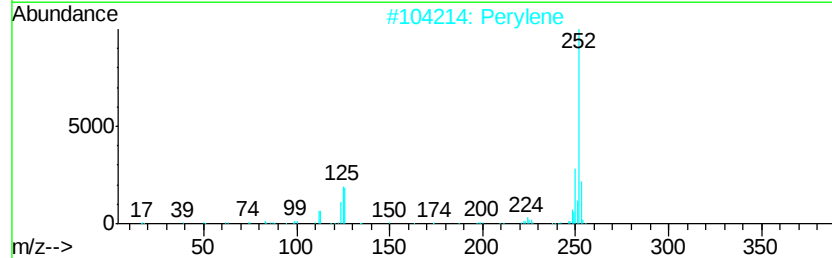
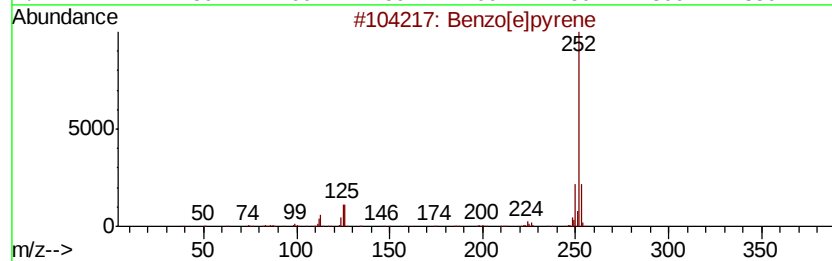
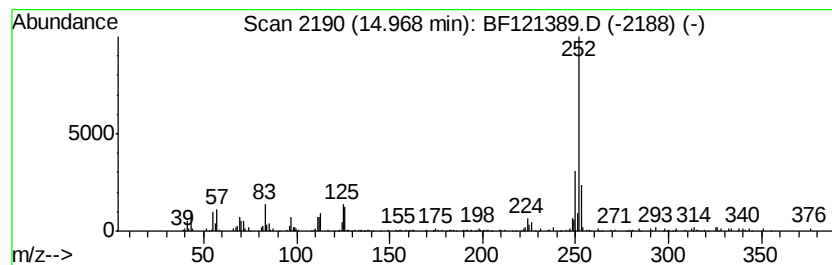
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	3.68 ng	165200	Perylene-d12	15.27

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	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	86
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121389.D
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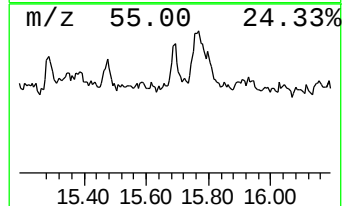
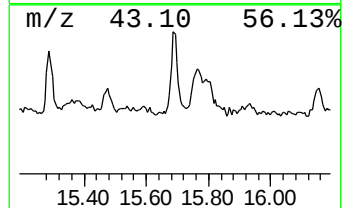
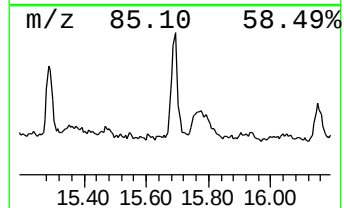
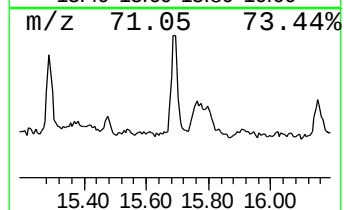
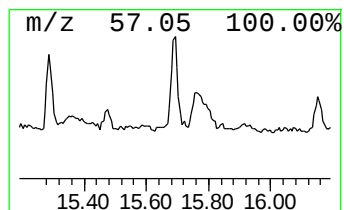
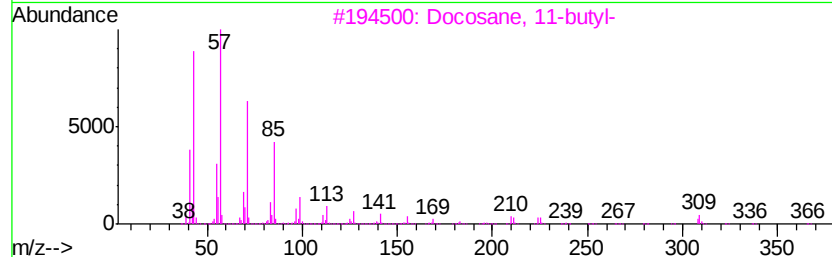
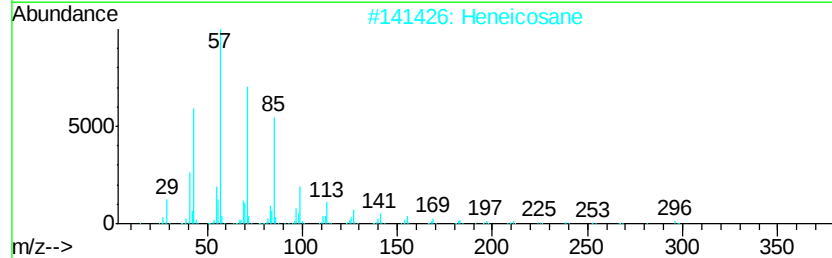
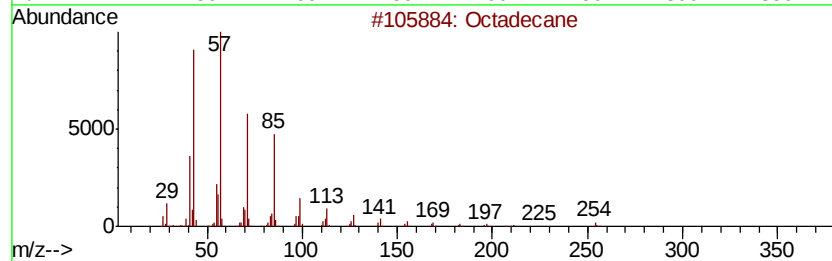
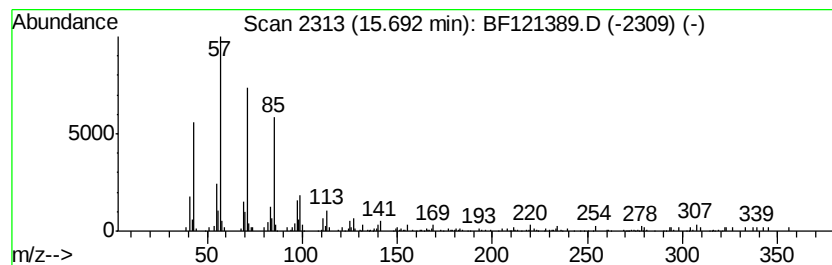
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	3.27 ng	146765	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4		Octacosane	394	C28H58	000630-02-4	90
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082120\
Data File : BF121389.D
Acq On : 22 Aug 2020 2:27
Operator : JU/CG
Sample : L3720-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MP-081920-B10-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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
Ethanol, 2-(2-eth...	6.53	2.6	ng	109804	1	6.70	833535	20.0
1-Tetradecene	11.45	6.9	ng	328456	4	11.22	951759	20.0
Phenanthrene, 1-m...	11.75	2.4	ng	112959	4	11.22	951759	20.0
4H-Cyclopenta[def...	11.83	2.6	ng	123178	4	11.22	951759	20.0
1,15-Hexadecadiene	12.19	51.2	ng	2436100	4	11.22	951759	20.0
Trifluoroacetic a...	12.28	6.6	ng	314722	4	11.22	951759	20.0
2,4,4,6,6,8,8-Hep...	13.41	4.6	ng	342368	5	13.85	1492600	20.0
1-Dodecanol, 2-oc...	13.70	7.5	ng	555911	5	13.85	1492600	20.0
Benzo[e]pyrene	14.97	3.7	ng	165200	6	15.27	897291	20.0
Octadecane	15.69	3.3	ng	146765	6	15.27	897291	20.0