

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119695.D
 Acq On : 2 Apr 2020 4:24
 Operator : MA/SJ
 Sample : L2089-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(0-2)

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-BF031820.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	2.187	13	17	35	rVB2	118073	229552	3.65%	0.386%
2	5.022	490	499	509	rVB	205389	260465	4.14%	0.438%
3	5.422	562	567	570	rBV	4955862	5275431	83.77%	8.867%
4	6.439	734	740	743	rBV	4869571	5299160	84.15%	8.907%
5	6.634	770	773	780	rBV	301560	235015	3.73%	0.395%
6	6.810	799	803	806	rBV	1640842	1308282	20.77%	2.199%
7	6.969	825	830	833	rBV	4697114	4096098	65.04%	6.885%
8	7.375	893	899	902	rBV	3604851	3537855	56.18%	5.946%
9	8.092	1016	1021	1025	rBV	1974909	1757406	27.91%	2.954%
10	9.175	1199	1205	1208	rBV	6820627	6297506	100.00%	10.585%
11	9.292	1220	1225	1228	rBV	1008690	948966	15.07%	1.595%
12	9.569	1267	1272	1276	rBV	1059504	1002120	15.91%	1.684%
13	9.851	1314	1320	1323	rBV	2508015	2072622	32.91%	3.484%
14	10.639	1448	1454	1458	rBV	4149607	4215700	66.94%	7.086%
15	10.775	1473	1477	1484	rVB	134038	153942	2.44%	0.259%
16	11.239	1553	1556	1560	rVB2	98552	104570	1.66%	0.176%
17	11.339	1569	1573	1575	rBV	2617989	2130872	33.84%	3.581%
18	11.363	1575	1577	1580	rVB	298095	234498	3.72%	0.394%
19	11.410	1580	1585	1588	rBV	448022	415103	6.59%	0.698%
20	11.445	1588	1591	1594	rVB	1640608	1252714	19.89%	2.105%
21	11.569	1608	1612	1614	rBV	70630	74751	1.19%	0.126%
22	11.839	1652	1658	1660	rBV2	45644	66432	1.05%	0.112%
23	11.869	1660	1663	1668	rVV2	351651	316285	5.02%	0.532%
24	11.951	1674	1677	1686	rVB2	159062	208583	3.31%	0.351%
25	12.333	1737	1742	1746	rBV7	38646	79123	1.26%	0.133%
26	12.392	1749	1752	1756	rBV2	70637	77326	1.23%	0.130%
27	12.557	1776	1780	1783	rBV	1271952	1013370	16.09%	1.703%
28	12.610	1784	1789	1793	rVV2	143481	199974	3.18%	0.336%
29	12.651	1793	1796	1800	rVV2	177589	180658	2.87%	0.304%
30	12.686	1800	1802	1808	rVV	181420	197053	3.13%	0.331%
31	12.780	1811	1818	1820	rVV	1120498	1136312	18.04%	1.910%
32	12.804	1820	1822	1824	rVV	132120	110382	1.75%	0.186%
33	12.827	1824	1826	1832	rVB6	86003	102900	1.63%	0.173%
34	12.898	1835	1838	1839	rBV2	67299	67972	1.08%	0.114%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119695.D
 Acq On : 2 Apr 2020 4:24
 Operator : MA/SJ
 Sample : L2089-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(0-2)

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-BF031820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.933	1839	1844	1847	rVV	5921770	6088148	96.68%	10.233%
36	12.998	1851	1855	1859	rBV3	56086	101105	1.61%	0.170%
37	13.110	1871	1874	1877	rVB	146829	140690	2.23%	0.236%
38	13.174	1880	1885	1887	rBV3	238417	243014	3.86%	0.408%
39	13.210	1887	1891	1894	rVB3	94042	156382	2.48%	0.263%
40	13.410	1922	1925	1930	rVB2	189919	184589	2.93%	0.310%
41	13.504	1938	1941	1944	rBV2	96641	82743	1.31%	0.139%
42	13.792	1986	1990	1994	rVB2	209969	218774	3.47%	0.368%
43	13.833	1994	1997	2002	rVB	199147	210629	3.34%	0.354%
44	13.980	2016	2022	2024	rBV2	2182708	2408382	38.24%	4.048%
45	14.004	2024	2026	2029	rVB	336258	251367	3.99%	0.422%
46	14.080	2034	2039	2043	rVB	169183	176691	2.81%	0.297%
47	14.163	2048	2053	2056	rVB2	238694	325203	5.16%	0.547%
48	14.457	2100	2103	2106	rBV	235020	206283	3.28%	0.347%
49	14.510	2110	2112	2116	rVB3	62275	68676	1.09%	0.115%
50	14.757	2151	2154	2157	rBV	170797	168033	2.67%	0.282%
51	15.010	2192	2197	2200	rBV	248391	399509	6.34%	0.671%
52	15.098	2207	2212	2217	rBV2	182048	260816	4.14%	0.438%
53	15.304	2243	2247	2254	rVB	140472	187920	2.98%	0.316%
54	15.362	2254	2257	2263	rVV	197960	252105	4.00%	0.424%
55	15.433	2263	2269	2273	rVV2	1534695	1905831	30.26%	3.203%
56	15.474	2273	2276	2282	rVB2	191766	258656	4.11%	0.435%
57	15.904	2345	2349	2356	rBV	126792	196553	3.12%	0.330%
58	16.409	2428	2435	2441	rBV3	87736	163873	2.60%	0.275%
59	16.862	2508	2512	2521	rVB3	56506	105858	1.68%	0.178%
60	16.998	2530	2535	2540	rVB2	44969	76507	1.21%	0.129%

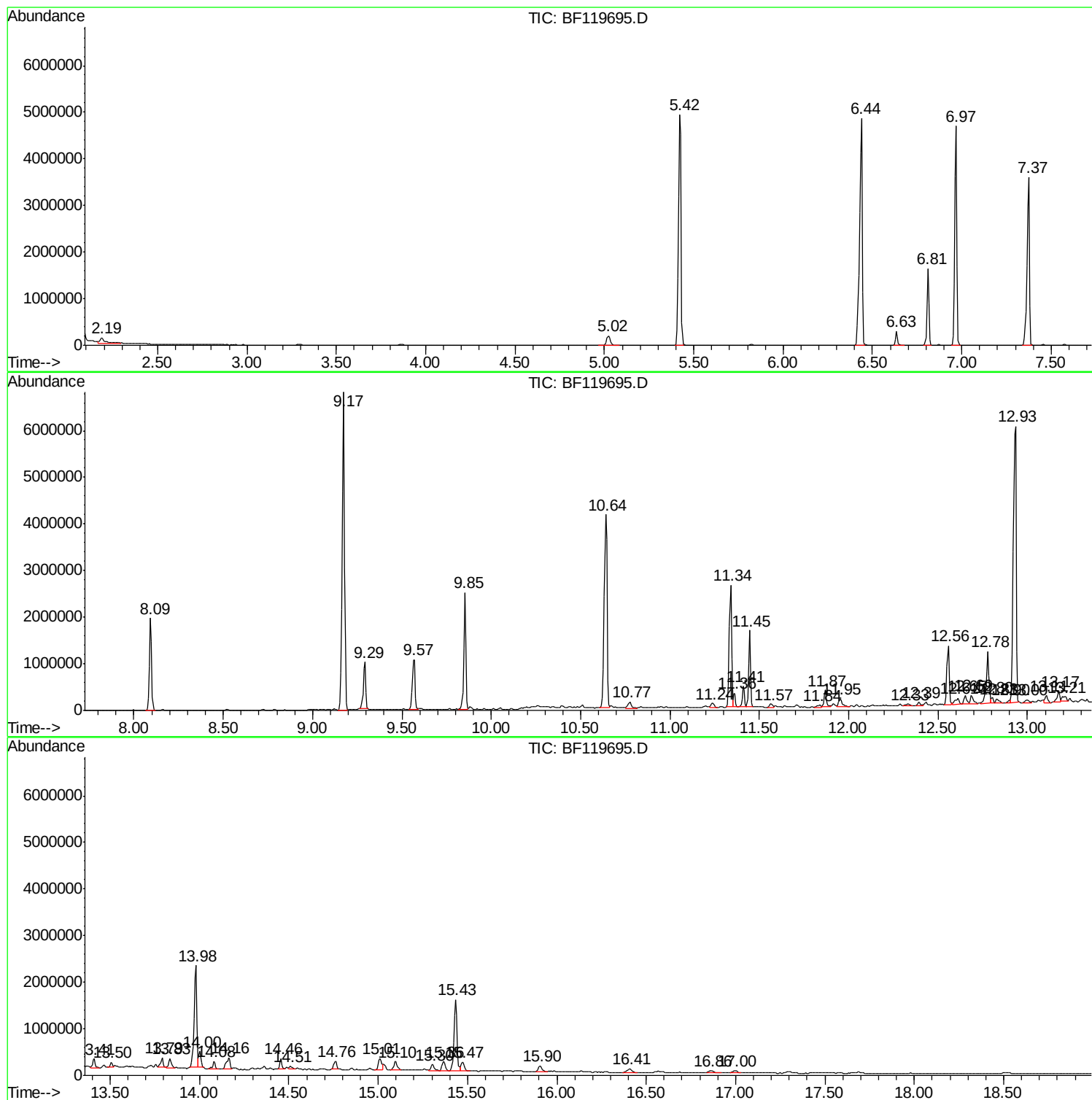
Sum of corrected areas: 59497335

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119695.D
Acq On : 2 Apr 2020 4:24
Operator : MA/SJ
Sample : L2089-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-3J-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119695.D
Acq On : 2 Apr 2020 4:24
Operator : MA/SJ
Sample : L2089-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

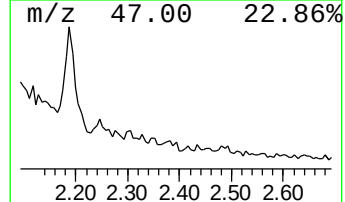
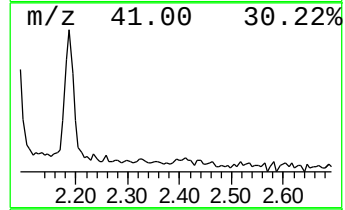
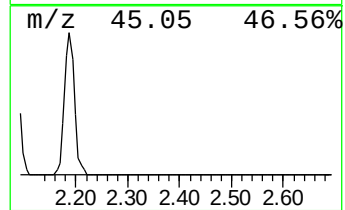
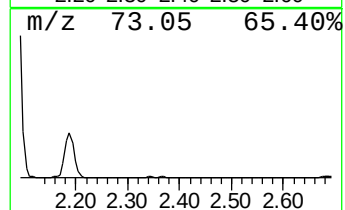
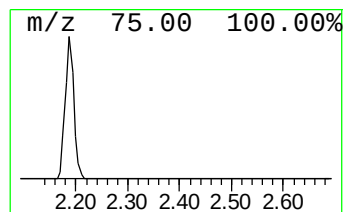
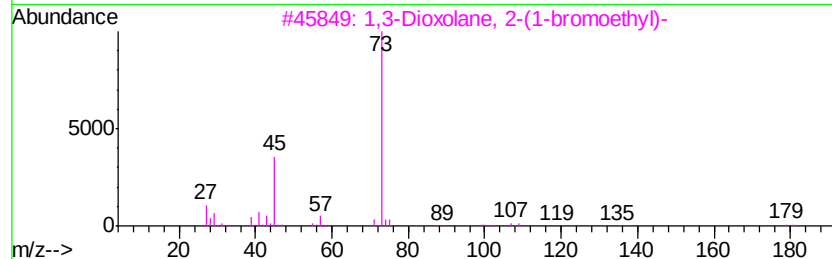
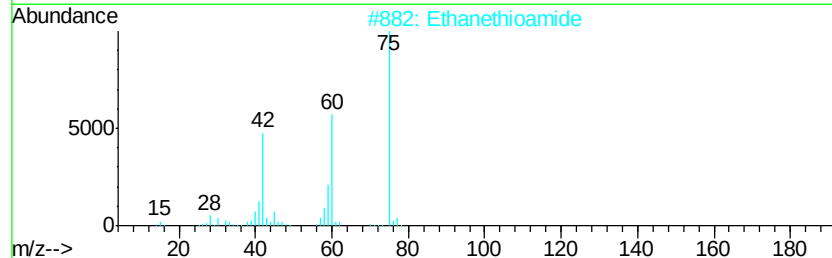
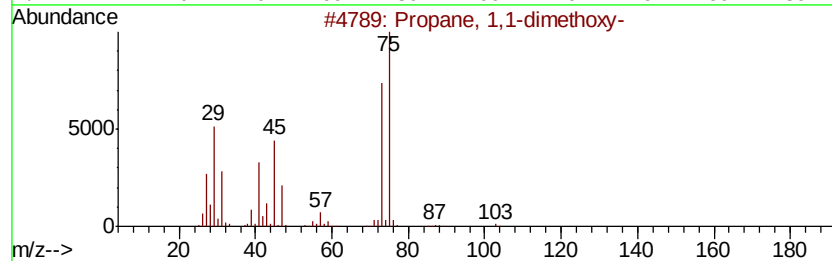
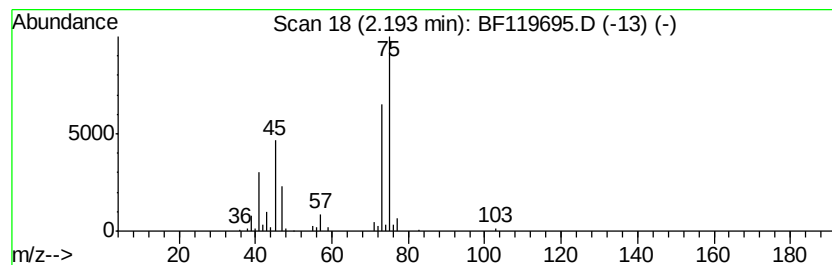
Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.19	3.51 ng	229552	1,4-Dichlorobenzene-d4	6.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	74
2	Ethanethioamide	75	C2H5NS	000062-55-5	23
3	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	22
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
5	Glycine	75	C2H5NO2	000056-40-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119695.D
Acq On : 2 Apr 2020 4:24
Operator : MA/SJ
Sample : L2089-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3J(0-2)

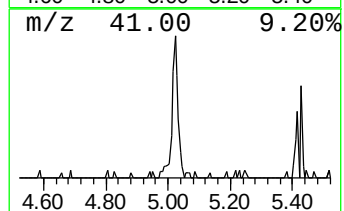
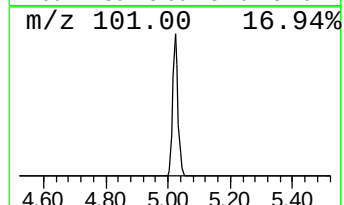
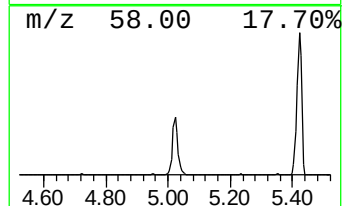
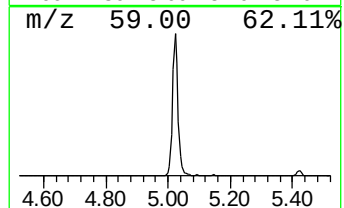
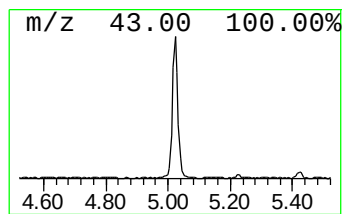
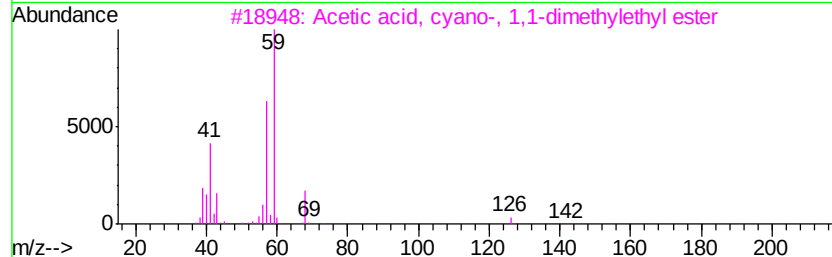
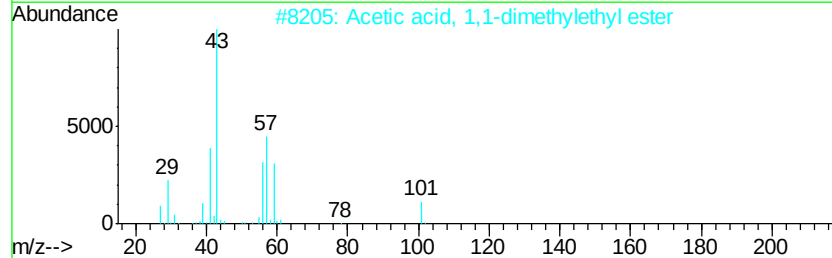
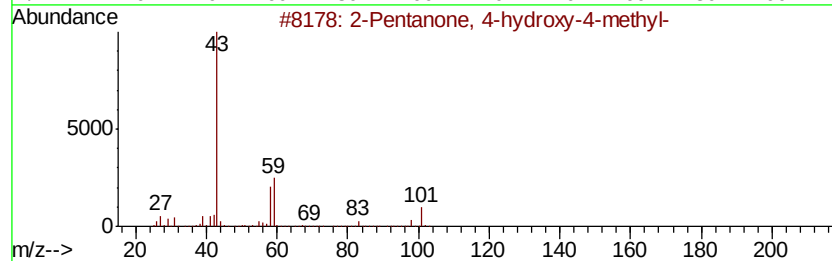
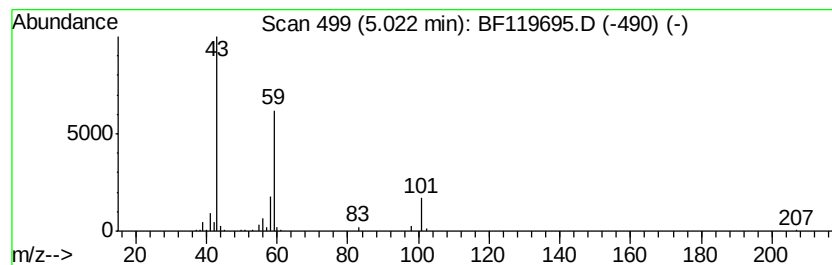
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	3.98 ng	260465	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119695.D
Acq On : 2 Apr 2020 4:24
Operator : MA/SJ
Sample : L2089-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

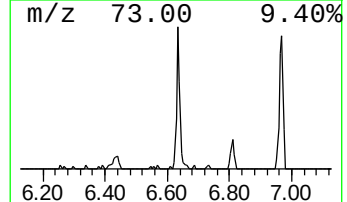
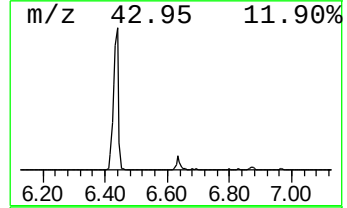
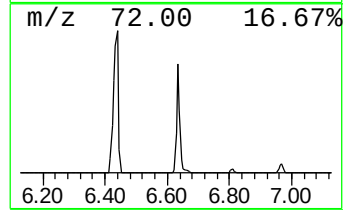
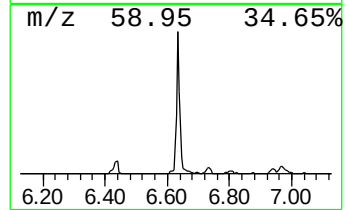
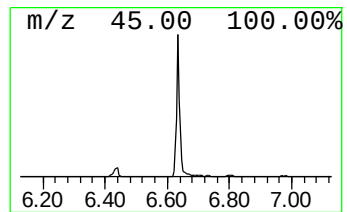
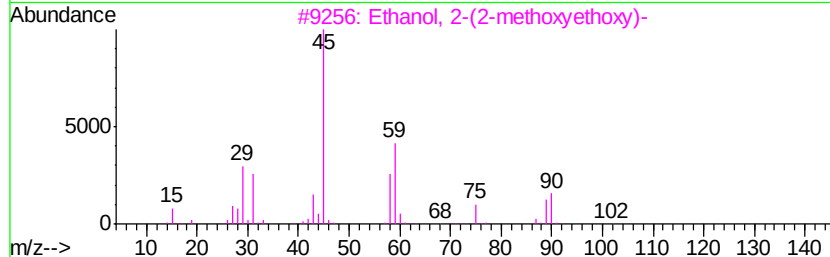
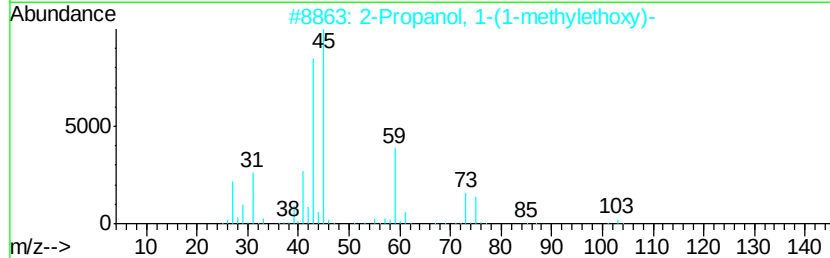
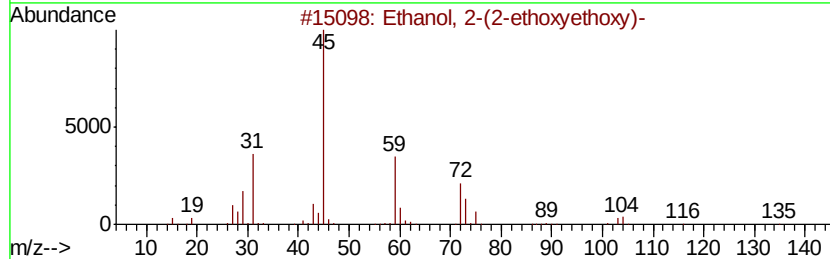
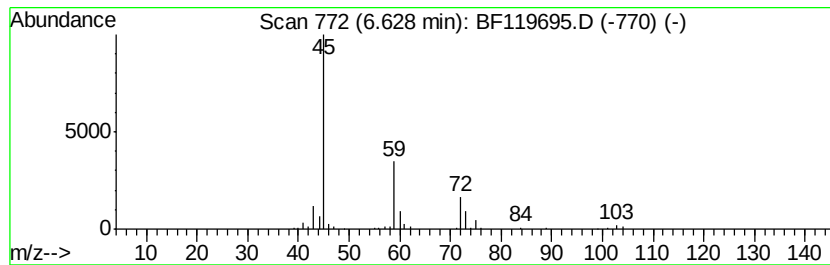
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	3.59 ng	235015	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	50
3		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
4		2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39
5		Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119695.D
Acq On : 2 Apr 2020 4:24
Operator : MA/SJ
Sample : L2089-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

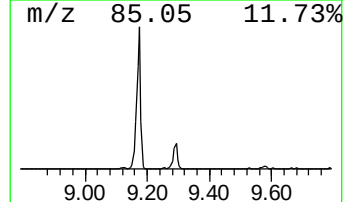
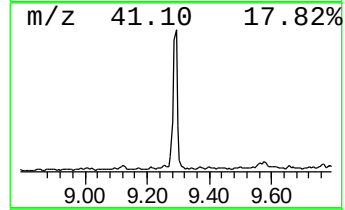
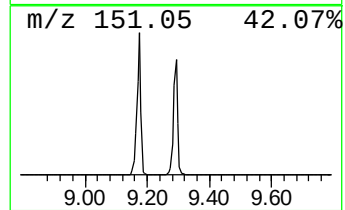
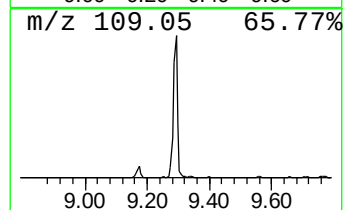
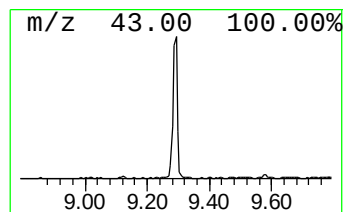
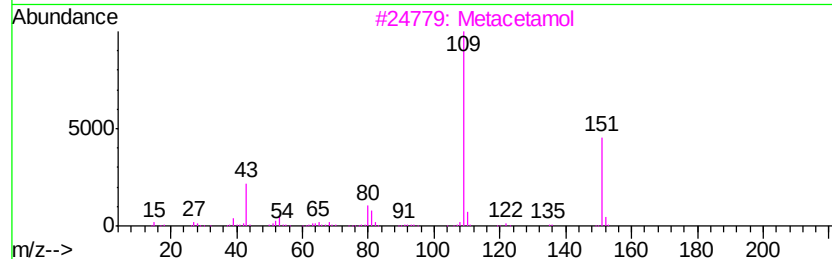
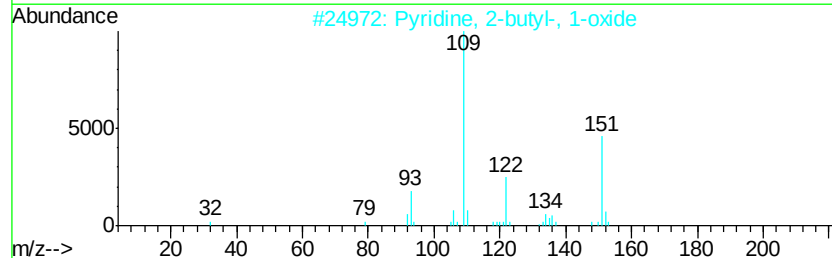
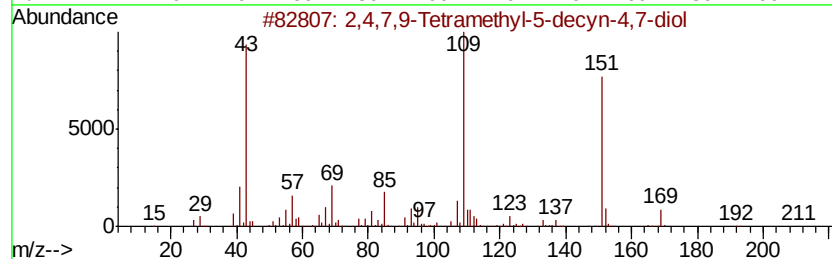
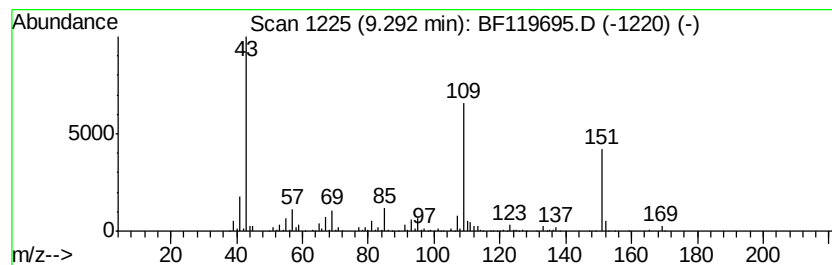
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	9.16 ng	948966	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2		Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3		Metacetamol	151	C8H9NO2	000621-42-1	58
4		m-Isopropoxyvaniline	151	C9H13NO	041406-00-2	43
5		Cyclopentanol, 1-(methylenecyclo...	138	C9H14O	086951-58-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119695.D
Acq On : 2 Apr 2020 4:24
Operator : MA/SJ
Sample : L2089-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

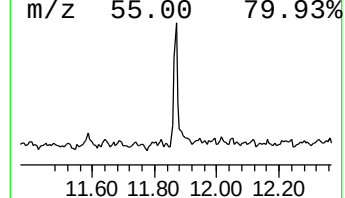
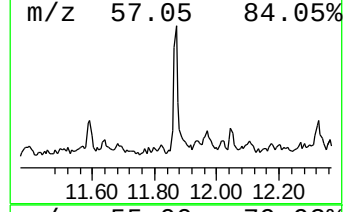
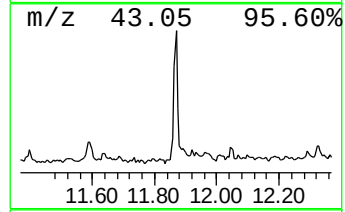
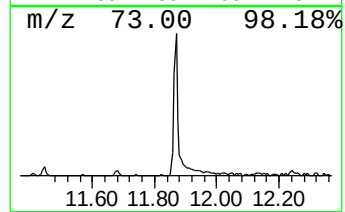
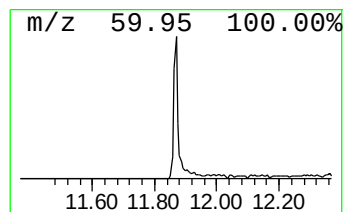
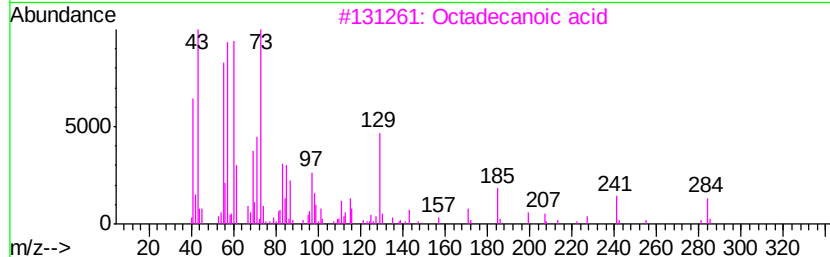
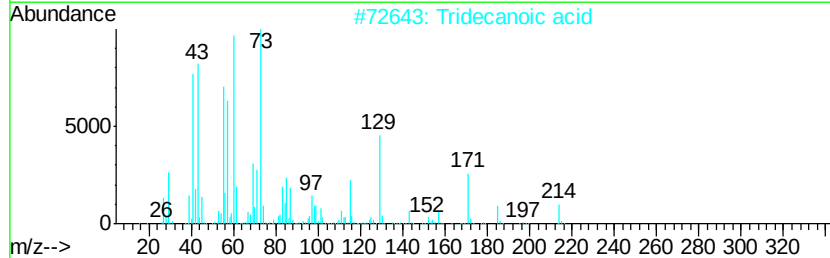
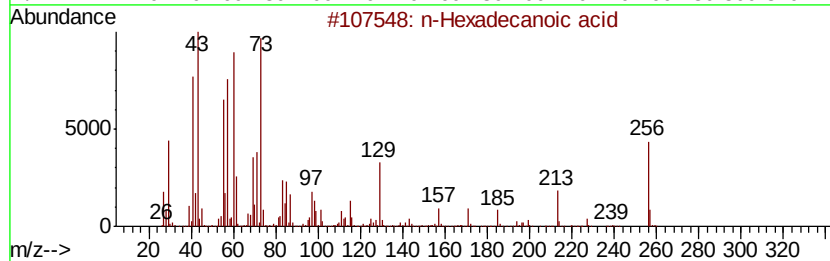
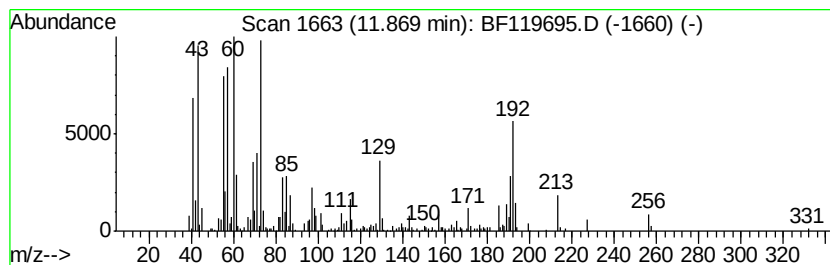
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.97 ng	316285	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Octadecanoic acid	284	C18H36O2	000057-11-4	76
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119695.D
Acq On : 2 Apr 2020 4:24
Operator : MA/SJ
Sample : L2089-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

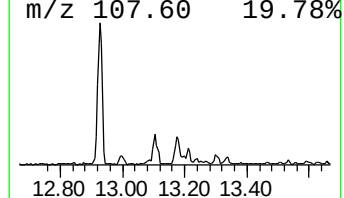
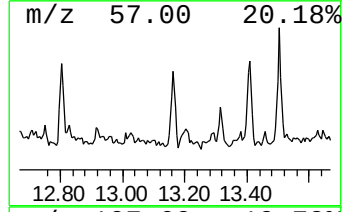
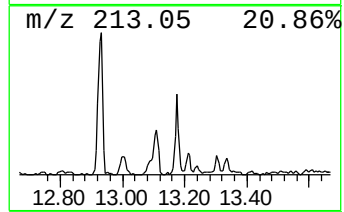
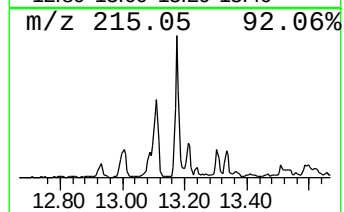
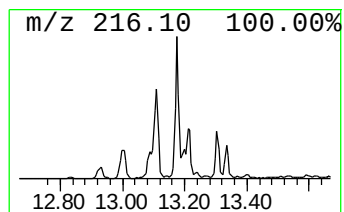
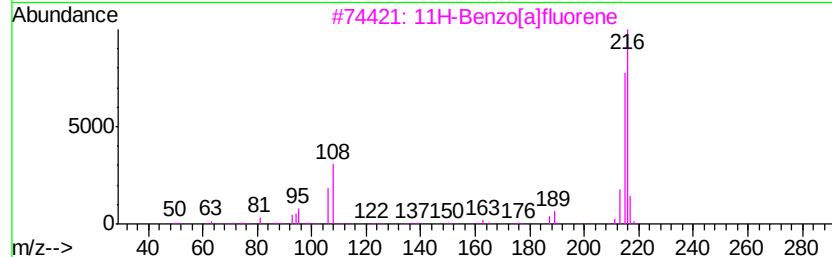
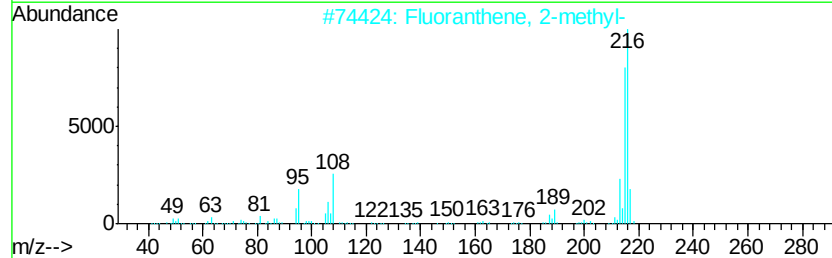
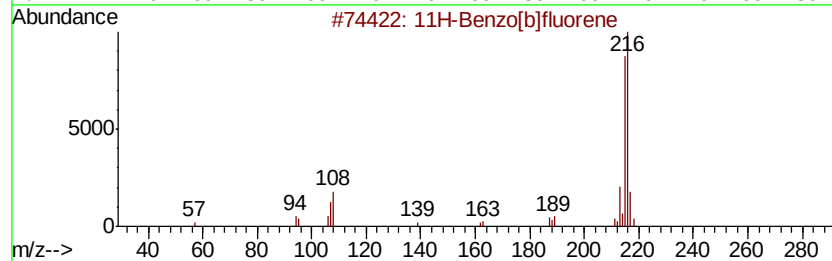
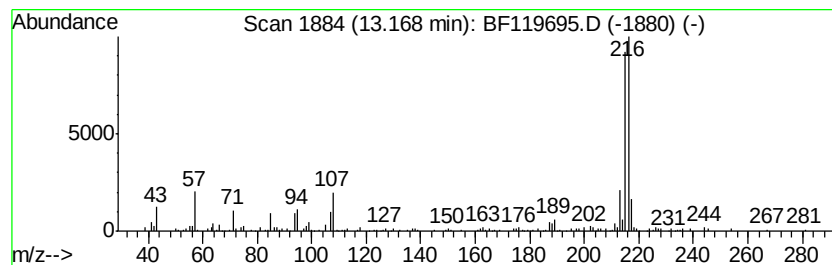
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.02 ng	243014	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5		trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119695.D
Acq On : 2 Apr 2020 4:24
Operator : MA/SJ
Sample : L2089-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

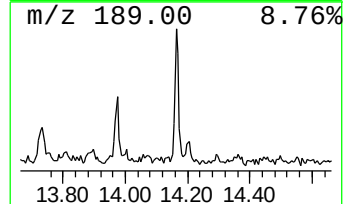
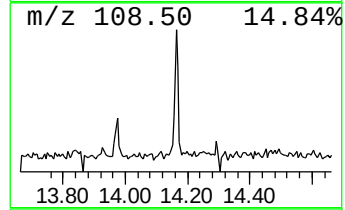
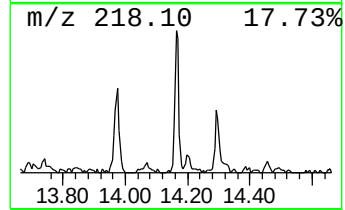
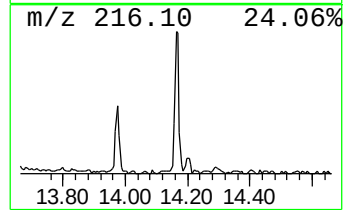
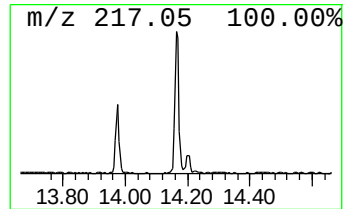
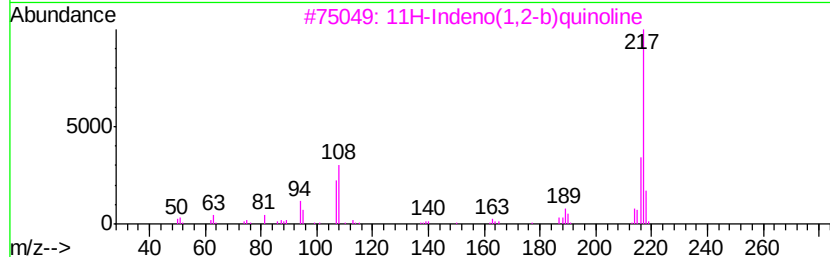
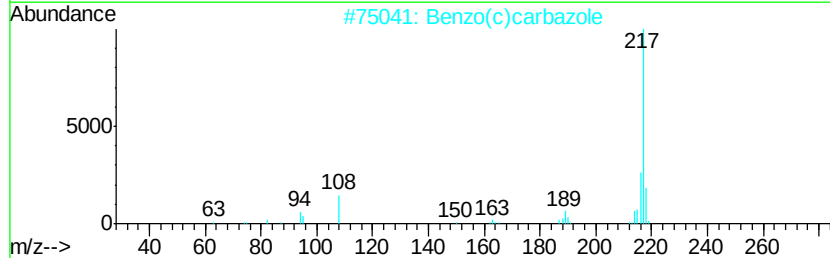
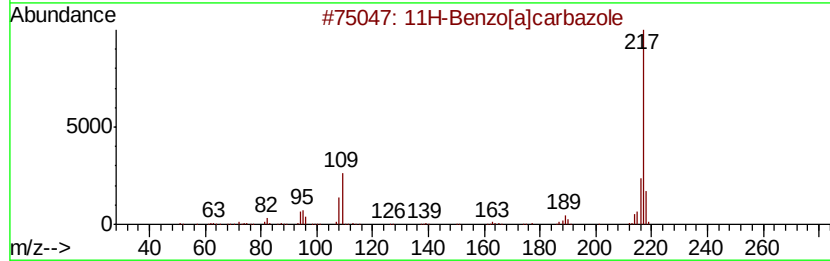
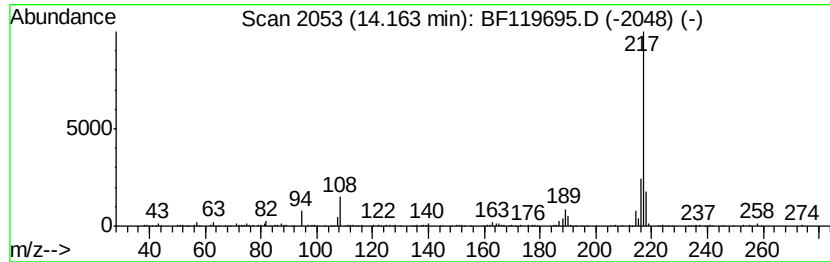
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[a]carbazole Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.70 ng	325203	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	94
2		Benzo(c)carbazole	217	C16H11N	034777-33-8	94
3		11H-Indeno(1,2-b)quinoline	217	C16H11N	000243-51-6	94
4		Benzo(b)carbazole	217	C16H11N	000243-28-7	93
5		7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119695.D
Acq On : 2 Apr 2020 4:24
Operator : MA/SJ
Sample : L2089-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3J(0-2)

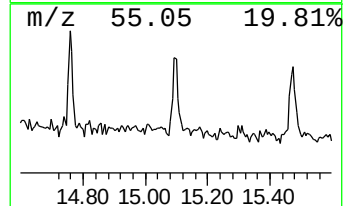
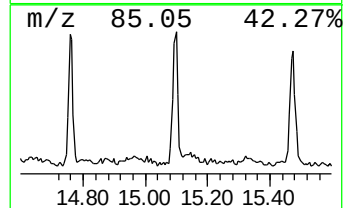
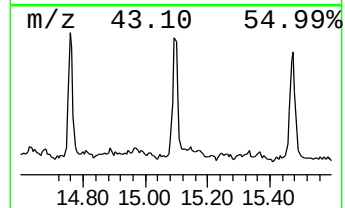
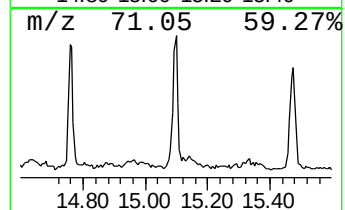
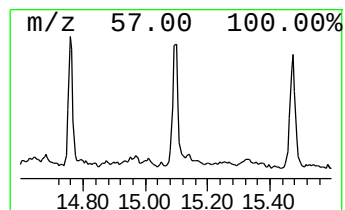
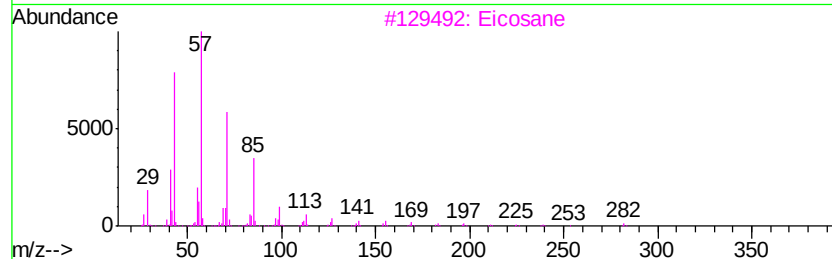
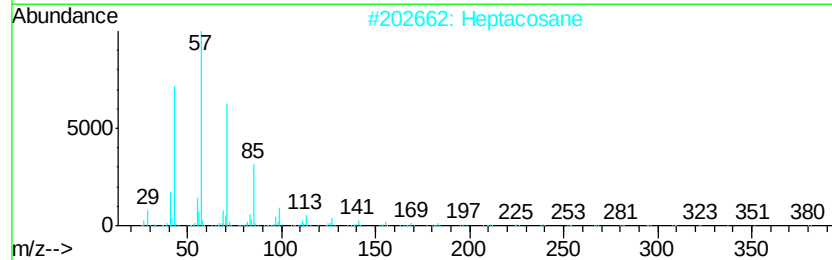
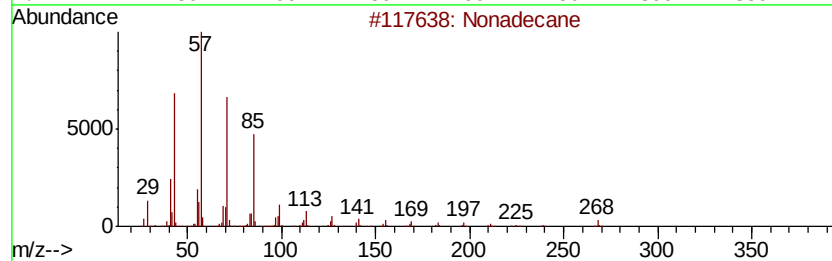
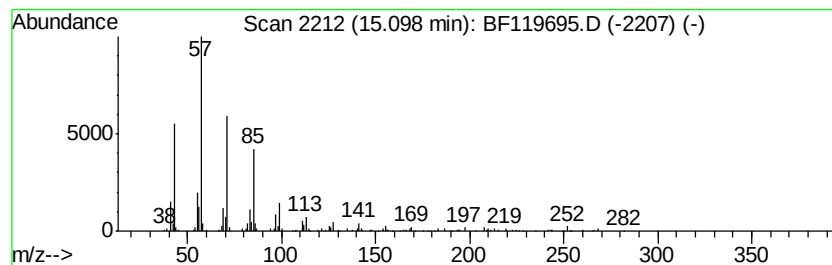
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.74 ng	260816	Perylene-d12	15.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Heptacosane		380	C27H56	000593-49-7	87
3	Eicosane		282	C20H42	000112-95-8	87
4	Octacosane		394	C28H58	000630-02-4	87
5	Octadecane		254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119695.D
Acq On : 2 Apr 2020 4:24
Operator : MA/SJ
Sample : L2089-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

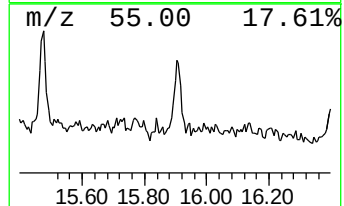
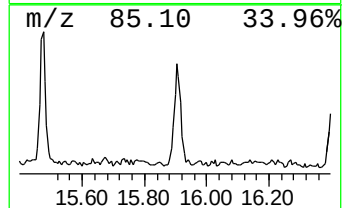
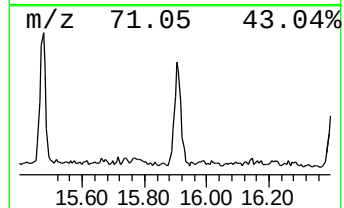
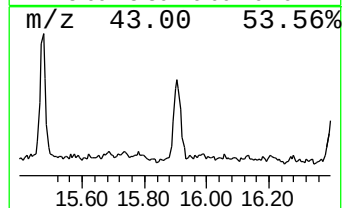
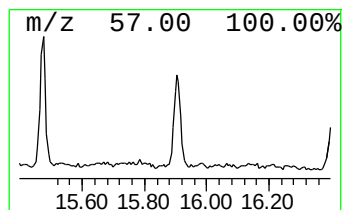
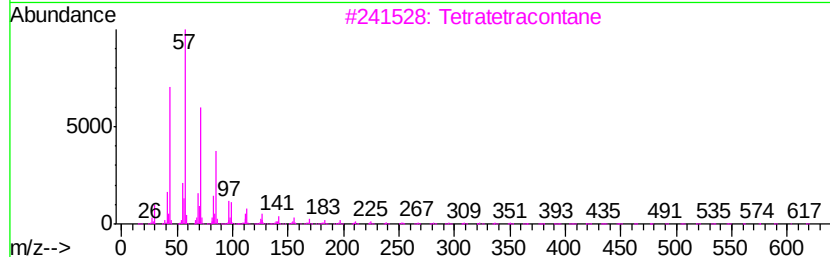
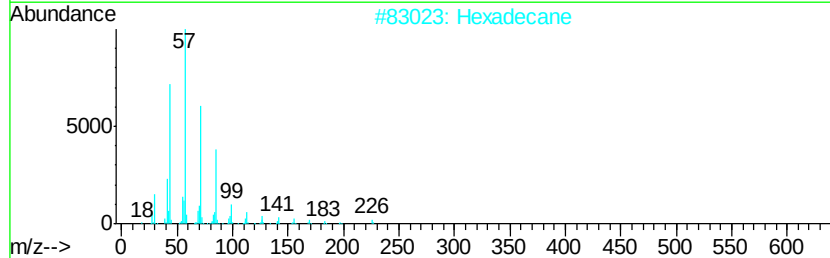
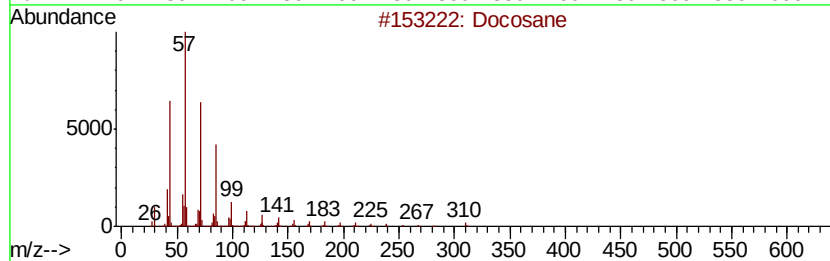
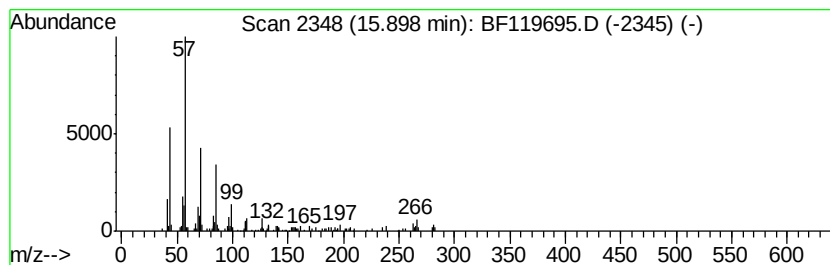
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Docosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.06 ng	196553	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	83
2		Hexadecane	226	C16H34	000544-76-3	80
3		Tetratetracontane	619	C44H90	007098-22-8	80
4		Octadecane	254	C18H38	000593-45-3	80
5		1-Iodoundecane	282	C11H23I	004282-44-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
Data File : BF119695.D
Acq On : 2 Apr 2020 4:24
Operator : MA/SJ
Sample : L2089-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Propane, 1,1-dime...	2.19	3.5	ng	229552	1	6.81	1308280	20.0
2-Pentanone, 4-hy...	5.02	4.0	ng	260465	1	6.81	1308280	20.0
Ethanol, 2-(2-eth...	6.63	3.6	ng	235015	1	6.81	1308280	20.0
2,4,7,9-Tetrameth...	9.29	9.2	ng	948966	3	9.85	2072620	20.0
n-Hexadecanoic acid	11.87	3.0	ng	316285	4	11.34	2130870	20.0
11H-Benzo[b]fluorene	13.17	2.0	ng	243014	5	13.98	2408380	20.0
11H-Benzo[a]carba...	14.16	2.7	ng	325203	5	13.98	2408380	20.0
Nonadecane	15.10	2.7	ng	260816	6	15.43	1905830	20.0
Docosane	15.90	2.1	ng	196553	6	15.43	1905830	20.0