

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115901.D
 Acq On : 1 Aug 2019 12:19
 Operator : HP/JU
 Sample : K4021-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

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-BF073019.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	2.116	3	5	24	rVB	601613	767218	31.60%	2.176%
2	2.487	62	68	76	rVB	26553	43322	1.78%	0.123%
3	3.928	309	313	322	rVB	19944	28633	1.18%	0.081%
4	5.475	572	576	598	rBV	2147875	2100279	86.50%	5.957%
5	6.486	743	748	765	rBV	2360074	2234005	92.01%	6.337%
6	6.622	767	771	775	rBV	2398151	2263945	93.24%	6.421%
7	6.851	807	810	823	rVB	1024678	851534	35.07%	2.415%
8	7.010	833	837	847	rBV	1990316	1684665	69.38%	4.778%
9	7.410	901	905	917	rBV	1473170	1402562	57.76%	3.978%
10	8.133	1024	1028	1048	rBV	1270976	1136154	46.79%	3.223%
11	9.210	1207	1211	1222	rBV	2610127	2427965	99.99%	6.887%
12	9.604	1275	1278	1286	rVB	354074	293270	12.08%	0.832%
13	9.892	1323	1327	1331	rBV	1530356	1301754	53.61%	3.692%
14	9.927	1331	1333	1338	rVB	69282	56691	2.33%	0.161%
15	10.098	1358	1362	1367	rBV	57931	59994	2.47%	0.170%
16	10.439	1417	1420	1427	rVB2	51033	51984	2.14%	0.147%
17	10.598	1444	1447	1450	rVB	29476	24873	1.02%	0.071%
18	10.680	1457	1461	1472	rBV	1574468	1565367	64.47%	4.440%
19	10.992	1507	1514	1517	rBV5	18643	29253	1.20%	0.083%
20	11.186	1545	1547	1551	rVB	46852	42693	1.76%	0.121%
21	11.239	1551	1556	1560	rVV4	22209	38812	1.60%	0.110%
22	11.274	1560	1562	1569	rVB	39243	40061	1.65%	0.114%
23	11.380	1576	1580	1582	rBV	1456083	1280060	52.72%	3.631%
24	11.404	1582	1584	1588	rVV	777832	632804	26.06%	1.795%
25	11.457	1588	1593	1597	rVB	126243	141655	5.83%	0.402%
26	11.616	1614	1620	1621	rBV2	87740	109311	4.50%	0.310%
27	11.674	1628	1630	1635	rVB4	31426	29521	1.22%	0.084%
28	11.880	1662	1665	1667	rBV	77176	71361	2.94%	0.202%
29	11.910	1667	1670	1673	rVV2	195883	219118	9.02%	0.622%
30	11.957	1676	1678	1681	rVV	41977	44331	1.83%	0.126%
31	11.998	1681	1685	1687	rVV	104078	125264	5.16%	0.355%
32	12.015	1687	1688	1694	rVB	56387	45272	1.86%	0.128%
33	12.174	1712	1715	1718	rBV	60580	54382	2.24%	0.154%
34	12.204	1718	1720	1724	rVV	69620	65693	2.71%	0.186%

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Integrator: RTE

Smoothing : ON

Sampling : 1

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Stop Thrs : 0

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Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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35	12.433	1755	1759	1761	rBV	44263	48159	1.98%	0.137%
36	12.468	1761	1765	1767	rVV3	47268	56280	2.32%	0.160%
37	12.521	1771	1774	1779	rVB	54317	58391	2.40%	0.166%
38	12.592	1783	1786	1790	rBV	727004	714900	29.44%	2.028%
39	12.692	1800	1803	1807	rBV	92831	115608	4.76%	0.328%
40	12.821	1820	1825	1831	rBV	654400	731911	30.14%	2.076%
41	12.874	1831	1834	1840	rVB2	40807	51378	2.12%	0.146%
42	12.962	1843	1849	1853	rBV	2546015	2428097	100.00%	6.887%
43	13.039	1858	1862	1866	rBV4	47673	81050	3.34%	0.230%
44	13.127	1874	1877	1879	rBV3	42550	56477	2.33%	0.160%
45	13.151	1879	1881	1885	rVB	74067	65886	2.71%	0.187%
46	13.192	1885	1888	1890	rBV3	28073	33632	1.39%	0.095%
47	13.257	1895	1899	1903	rBV2	67553	88653	3.65%	0.251%
48	13.351	1912	1915	1917	rBV	38532	29432	1.21%	0.083%
49	13.380	1917	1920	1924	rBV2	41433	40767	1.68%	0.116%
50	13.439	1927	1930	1932	rBV2	41611	42915	1.77%	0.122%
51	13.504	1938	1941	1944	rVB2	39229	36041	1.48%	0.102%
52	13.533	1944	1946	1949	rBV3	30857	32444	1.34%	0.092%
53	13.662	1965	1968	1972	rVB	74834	78541	3.23%	0.223%
54	13.774	1984	1987	1989	rBV2	47497	46980	1.93%	0.133%
55	13.809	1989	1993	1997	rVV3	133598	240039	9.89%	0.681%
56	13.851	1997	2000	2002	rVV2	192451	219653	9.05%	0.623%
57	13.880	2002	2005	2012	rVB2	469286	609583	25.11%	1.729%
58	14.021	2022	2029	2032	rBV2	1159761	1503175	61.91%	4.264%
59	14.051	2032	2034	2040	rVB	358631	324621	13.37%	0.921%
60	14.180	2053	2056	2060	rBV2	111040	121072	4.99%	0.343%
61	14.415	2094	2096	2099	rVB	70497	52169	2.15%	0.148%
62	14.492	2105	2109	2115	rVB	276316	280307	11.54%	0.795%
63	14.615	2127	2130	2133	rVB	67341	55662	2.29%	0.158%
64	14.774	2154	2157	2158	rBV	124494	107059	4.41%	0.304%
65	14.798	2158	2161	2165	rVB	522271	522428	21.52%	1.482%
66	15.074	2204	2208	2210	rBV	297493	401072	16.52%	1.138%
67	15.133	2215	2218	2223	rVB	540532	630578	25.97%	1.789%
68	15.374	2256	2259	2266	rVB	192703	256755	10.57%	0.728%
69	15.439	2266	2270	2275	rVB	268956	336235	13.85%	0.954%
70	15.503	2276	2281	2293	rBV2	1076055	1881624	77.49%	5.337%
71	15.951	2352	2357	2365	rVB	384509	611557	25.19%	1.735%

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72	16.456	2438	2443	2449	rVB	201970	366705	15.10%	1.040%
73	16.980	2526	2532	2538	rBV2	195037	383834	15.81%	1.089%
74	17.421	2602	2607	2615	rBV	122792	250636	10.32%	0.711%

Sum of corrected areas: 35256112

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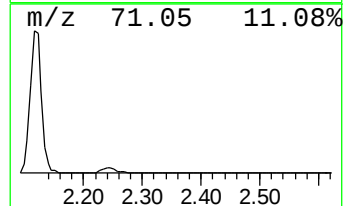
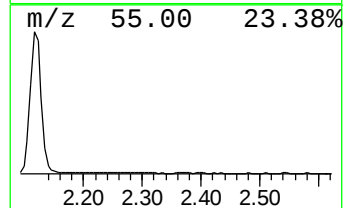
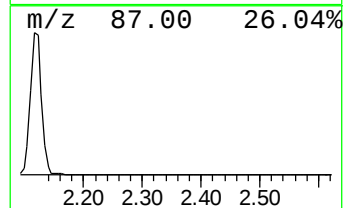
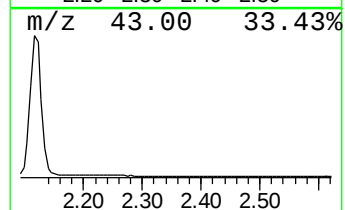
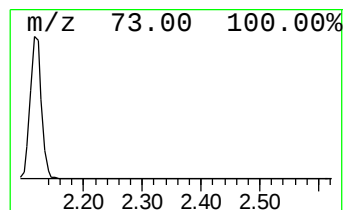
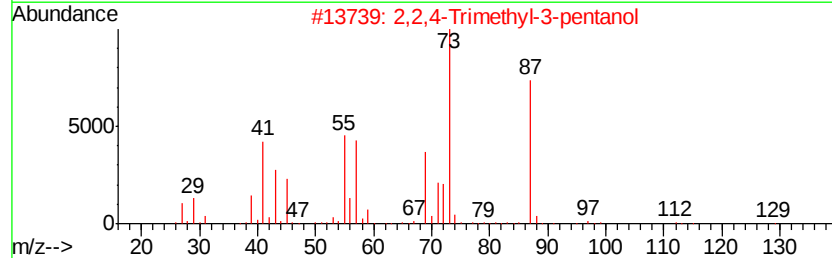
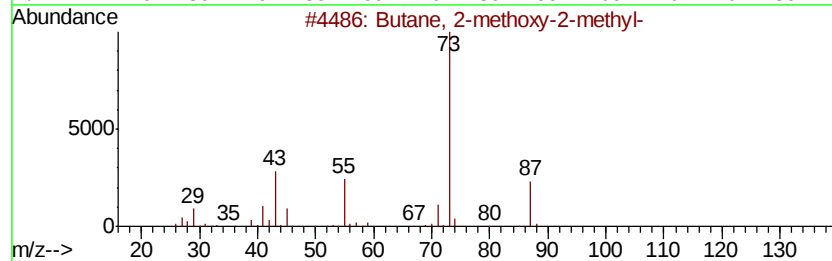
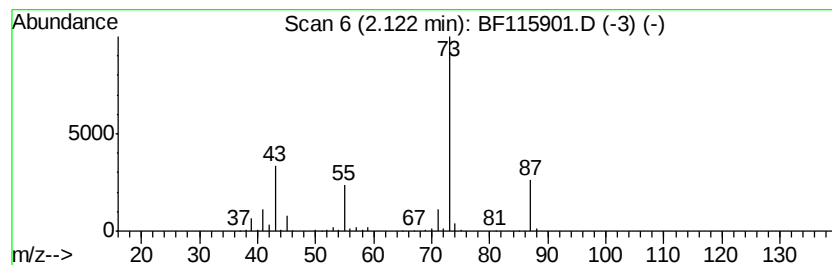
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	18.02 ng	767218	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	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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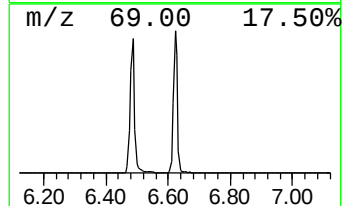
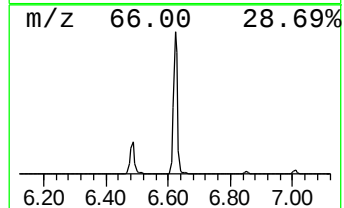
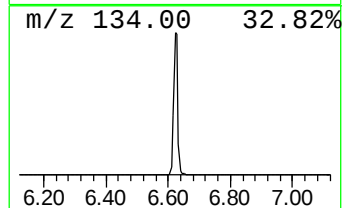
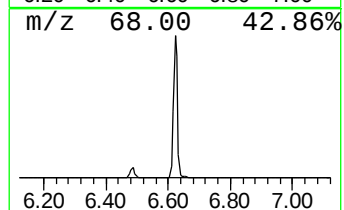
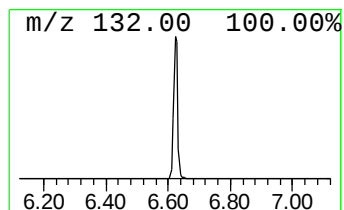
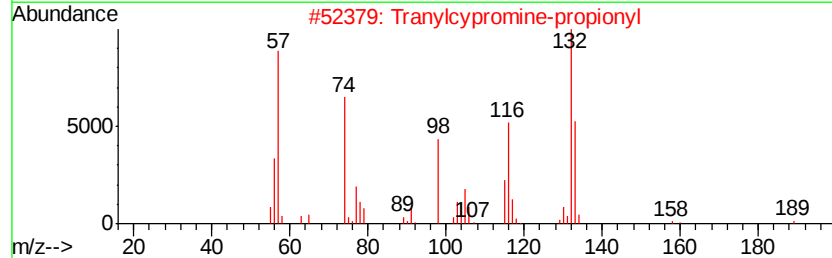
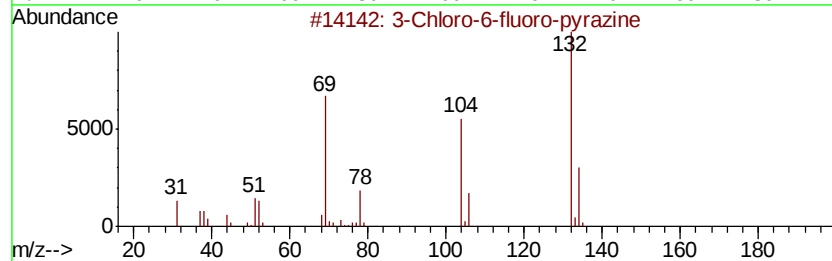
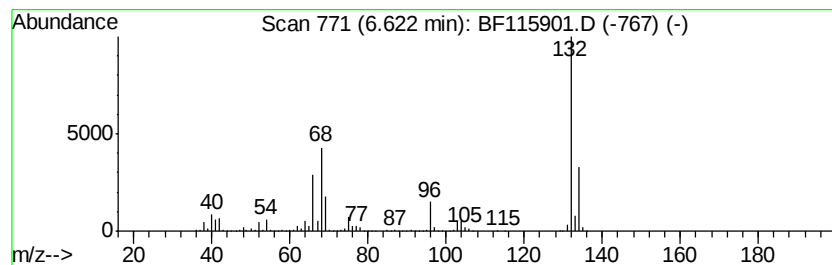
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	53.17 ng	2263950	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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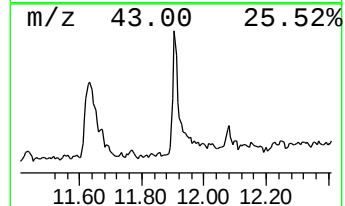
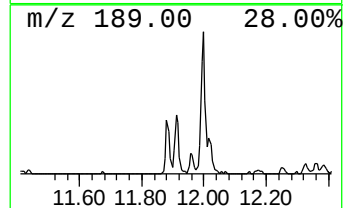
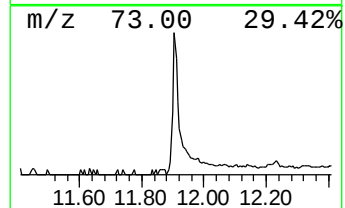
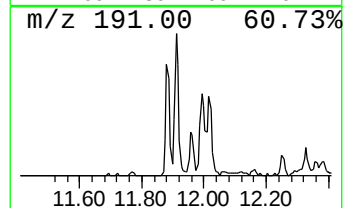
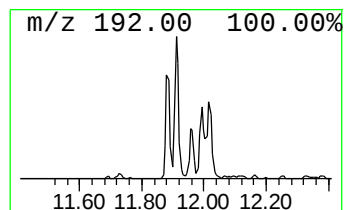
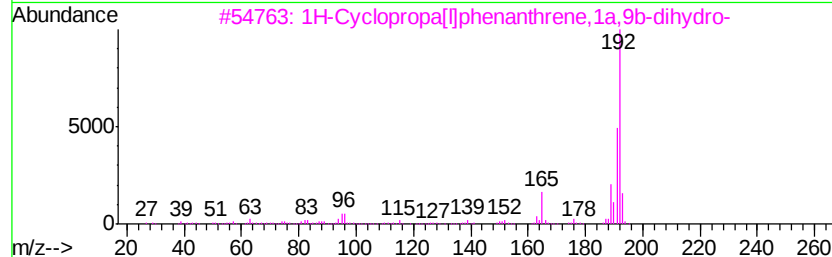
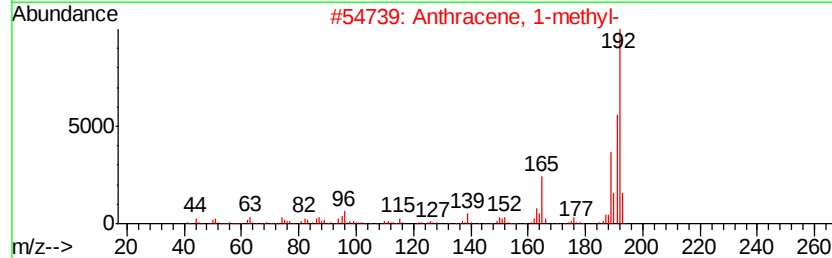
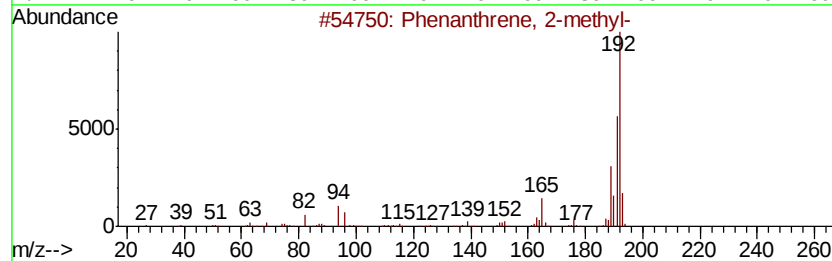
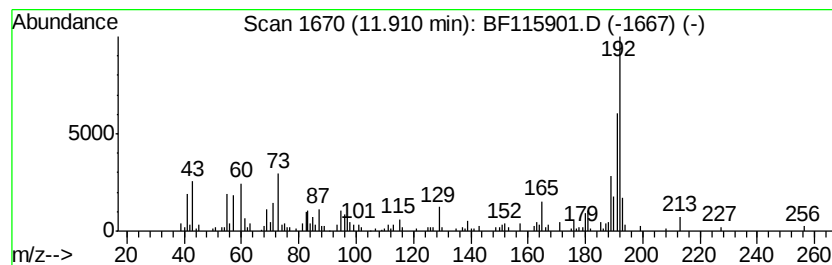
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.42 ng	219118	Phenanthrene-d10	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83



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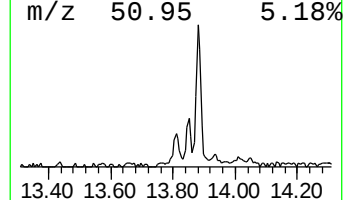
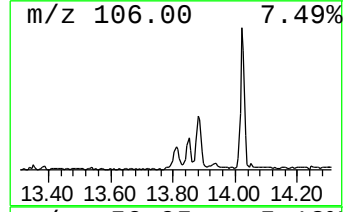
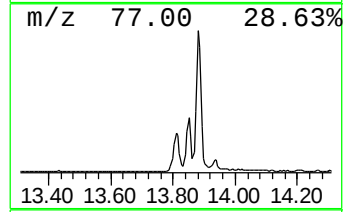
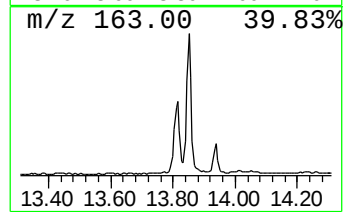
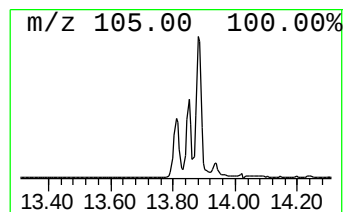
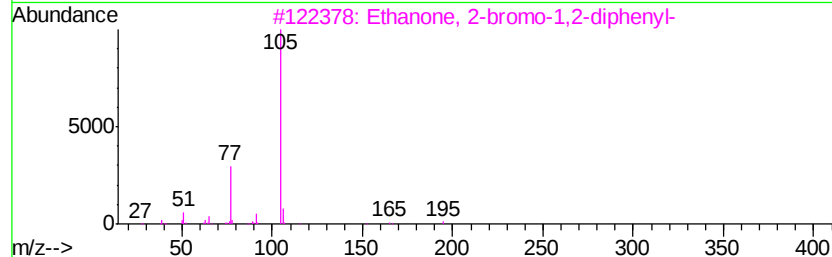
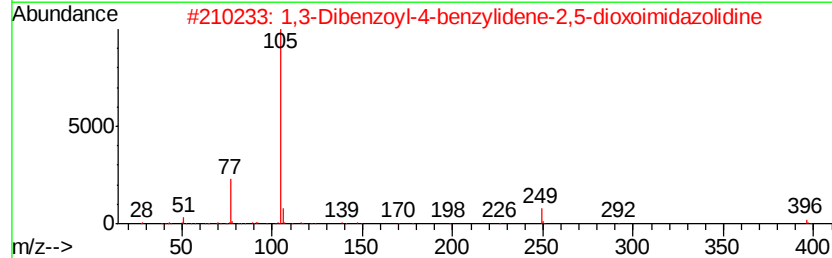
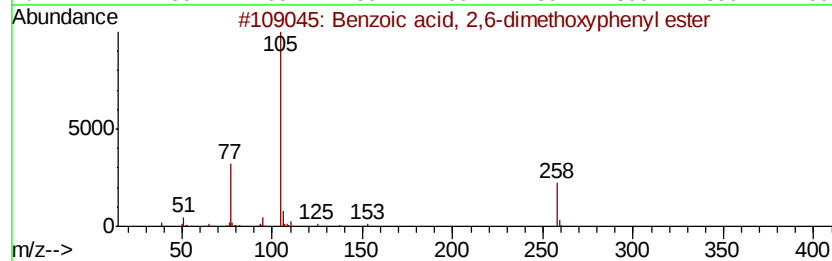
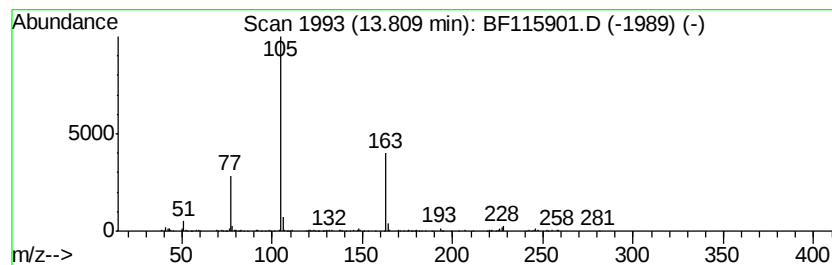
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown13.81 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	3.19 ng	240039	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,6-dimethoxyphenyl...	258	C15H14O4	1000368-91-2	35
2		1,3-Dibenzoyl-4-benzylidene-2,5-...	396	C24H16N2O4	083800-56-0	27
3		Ethanone, 2-bromo-1,2-diphenyl-	274	C14H11BrO	001484-50-0	27
4		Ethanone, 1,2-diphenyl-	196	C14H12O	000451-40-1	27
5		4-Chlorophenyl benzoate	232	C13H9ClO2	002005-08-5	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115901.D
Acq On : 1 Aug 2019 12:19
Operator : HP/JU
Sample : K4021-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

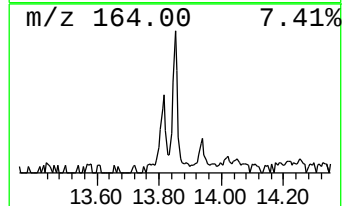
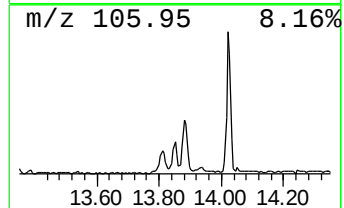
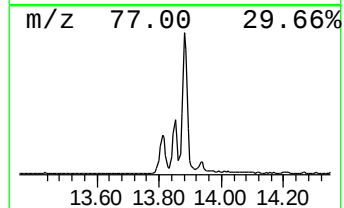
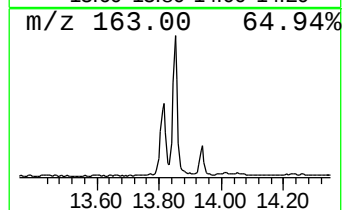
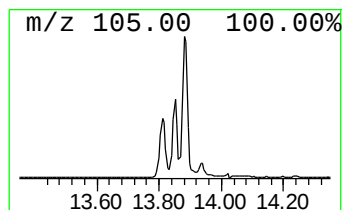
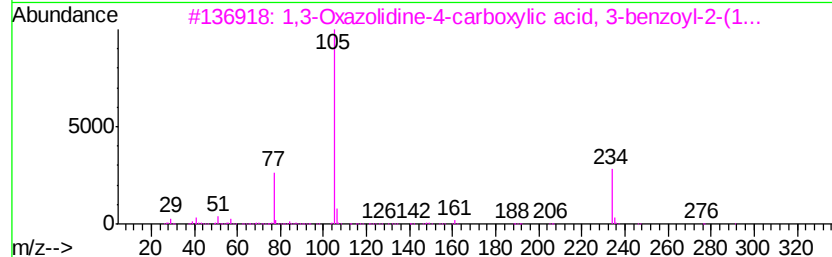
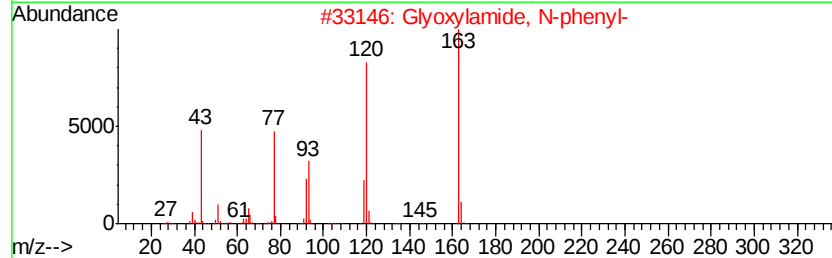
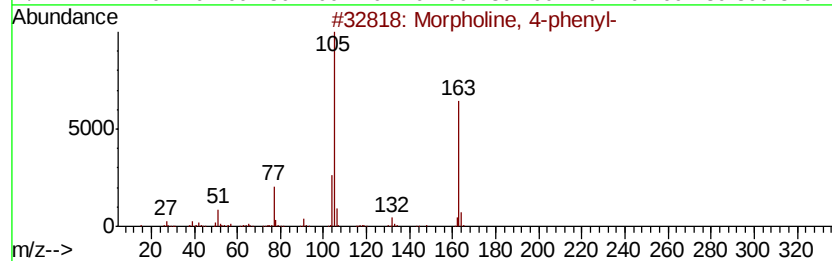
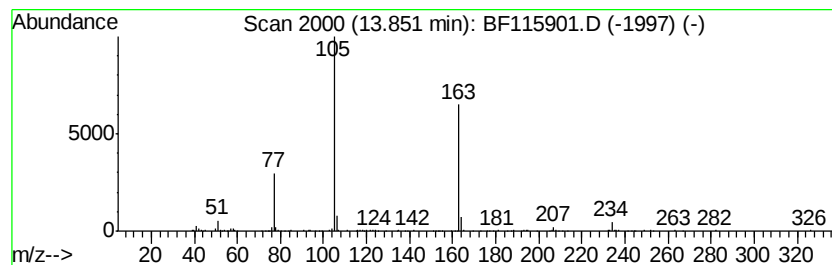
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Morpholine, 4-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.92 ng	219653	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Morpholine, 4-phenyl-	163 C10H13NO	000092-53-5 56
2		Glyoxylamide, N-phenyl-	163 C9H9NO2	032331-52-5 47
3		1,3-Oxazolidine-4-carboxylic aci...	291 C16H21NO4	1000196-90-4 35
4		Benzoic acid, phenyl ester	198 C13H10O2	000093-99-2 27
5		Ethanone, 2-bromo-1,2-diphenyl-	274 C14H11BrO	001484-50-0 27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115901.D
Acq On : 1 Aug 2019 12:19
Operator : HP/JU
Sample : K4021-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

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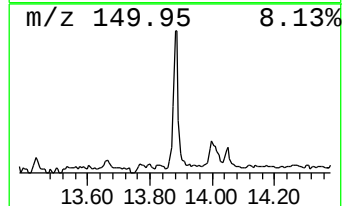
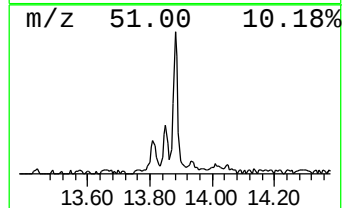
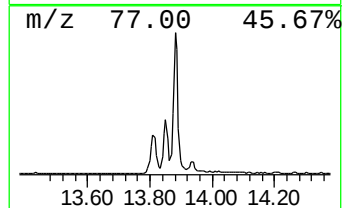
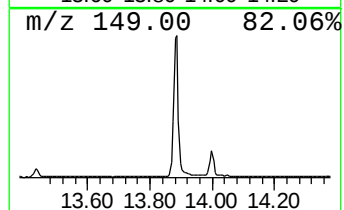
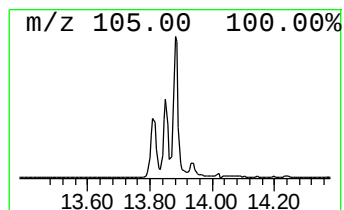
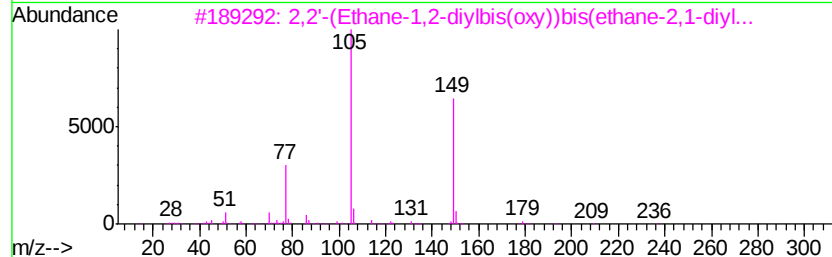
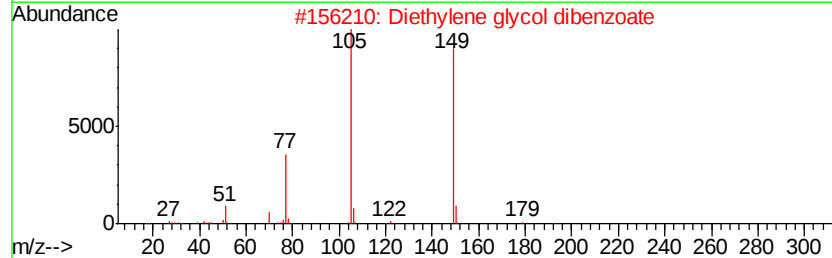
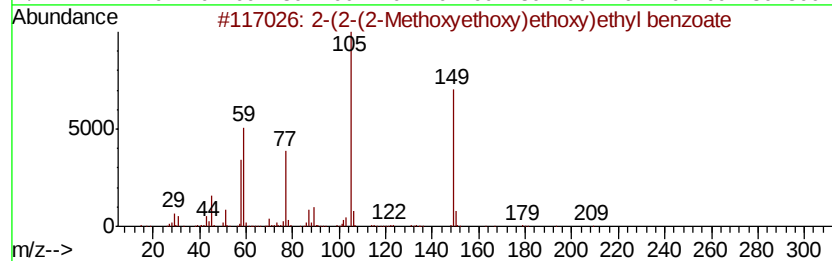
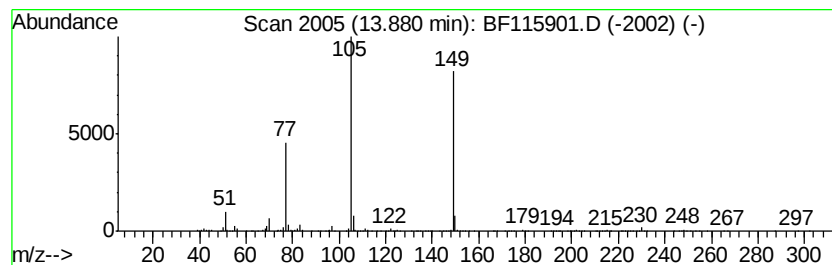
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-(2-(2-Methoxyethoxy)ethox... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	8.11 ng	609583	Chrysene-d12	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	83
2			Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	78
3			2,2'-(Ethane-1,2-diylbis(oxo))bi...	358	C20H22O6	1000366-99-4	64
4			1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	64
5			2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115901.D
Acq On : 1 Aug 2019 12:19
Operator : HP/JU
Sample : K4021-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

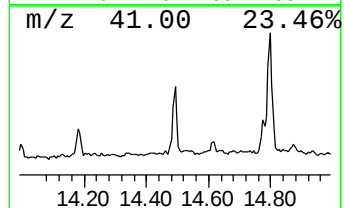
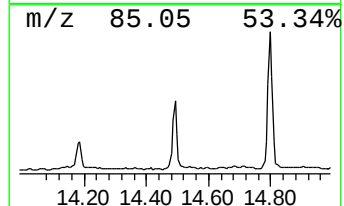
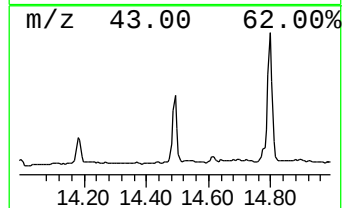
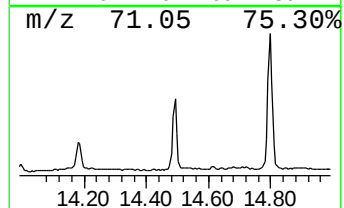
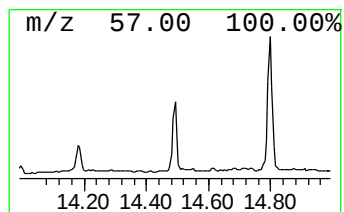
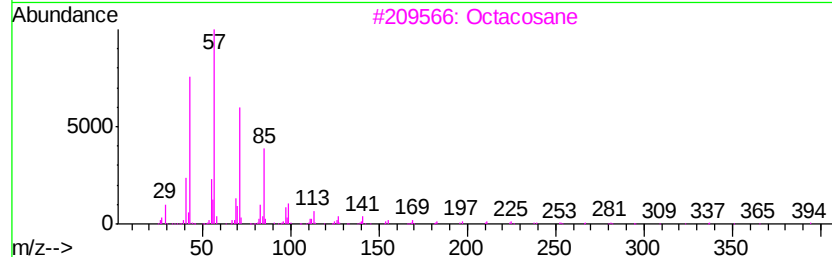
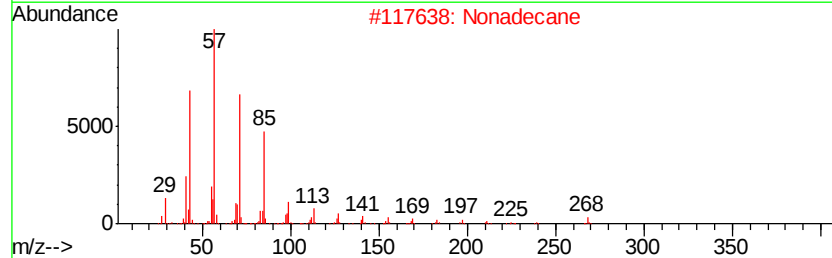
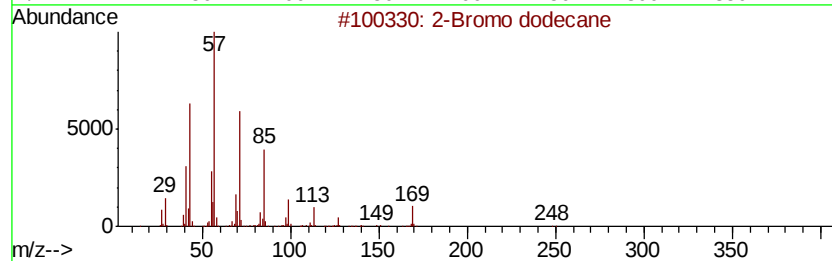
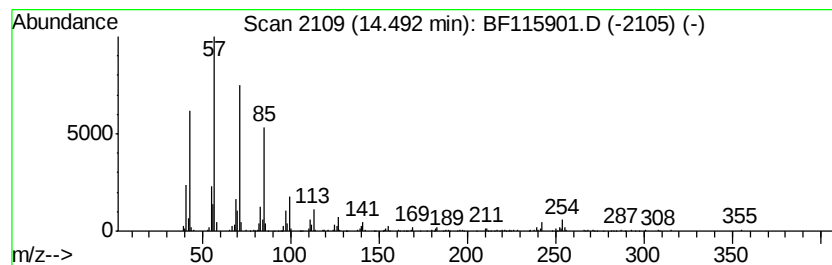
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	3.73 ng	280307	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	94
2	Nonadecane		268	C19H40	000629-92-5	93
3	Octacosane		394	C28H58	000630-02-4	90
4	Tridecane, 6-propyl-		226	C16H34	055045-10-8	90
5	Pentacosane		352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115901.D
Acq On : 1 Aug 2019 12:19
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Sample : K4021-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

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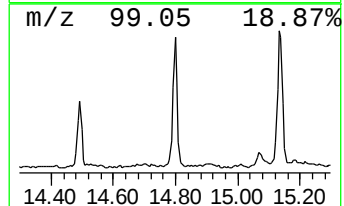
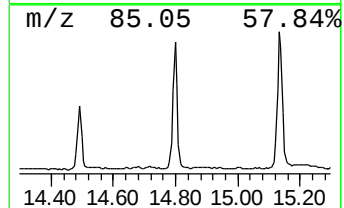
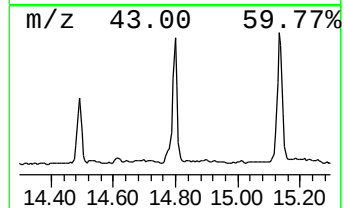
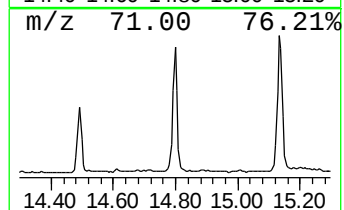
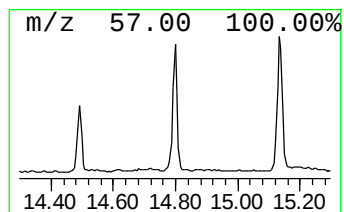
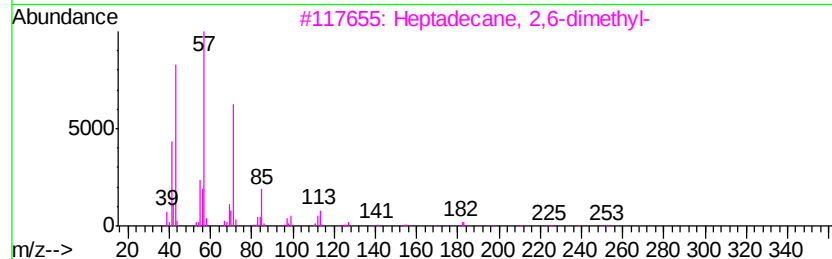
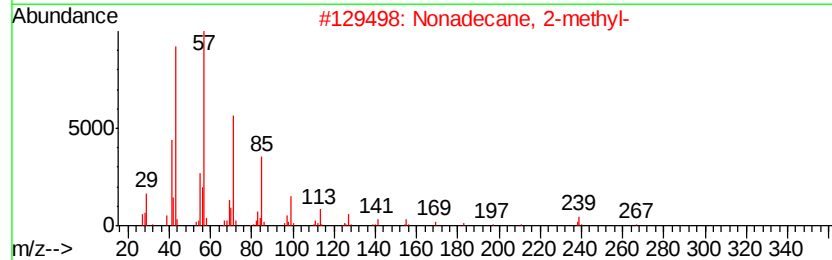
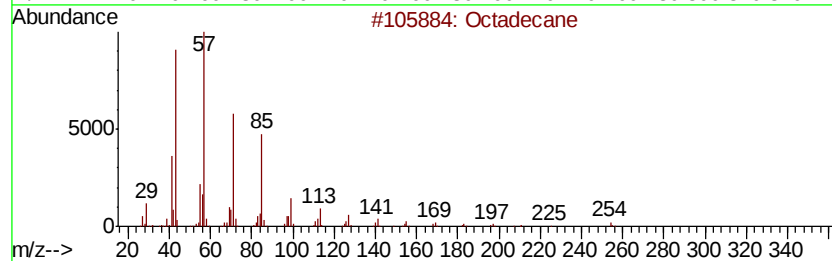
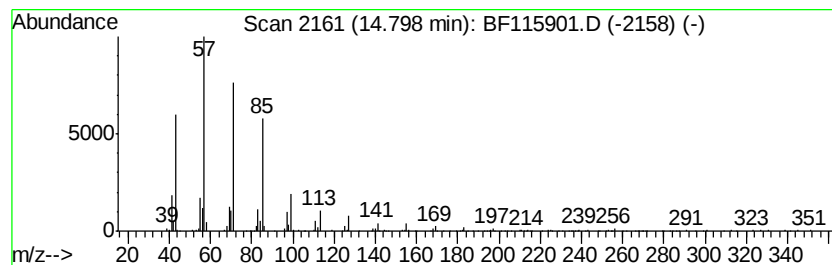
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.55 ng	522428	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	90
2			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
3			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	58
4			Octacosane	394	C28H58	000630-02-4	53
5			Heptacosane	380	C27H56	000593-49-7	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115901.D
Acq On : 1 Aug 2019 12:19
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Sample : K4021-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

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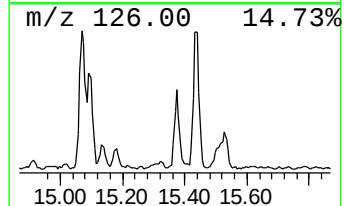
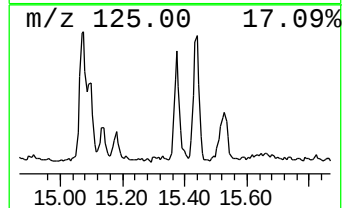
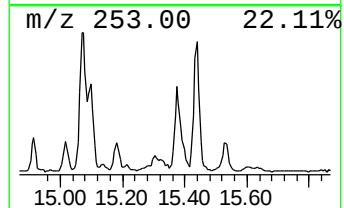
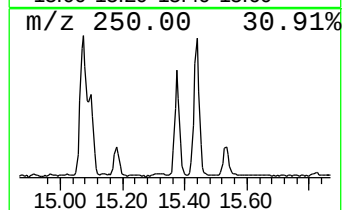
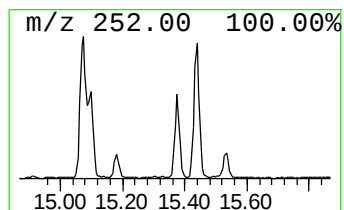
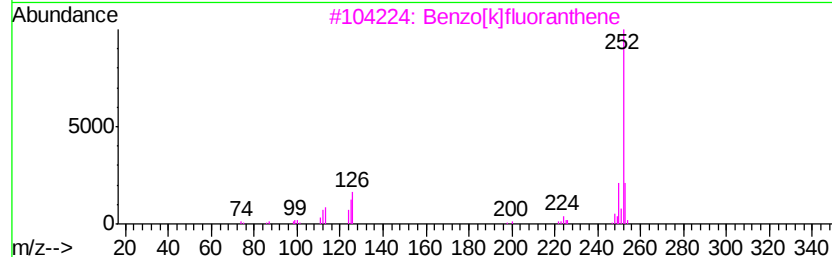
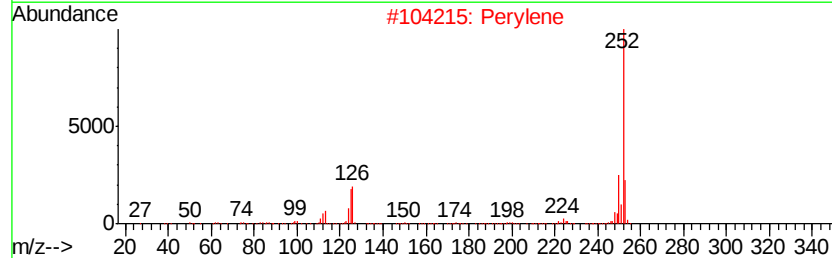
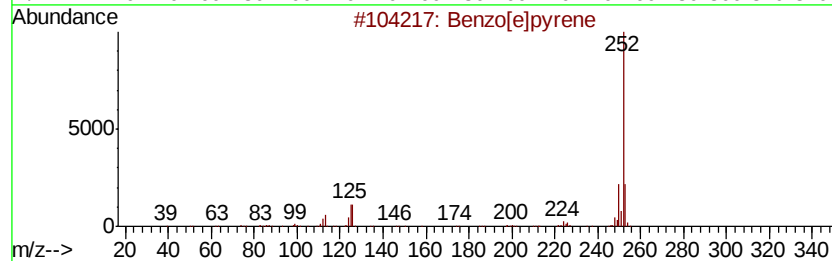
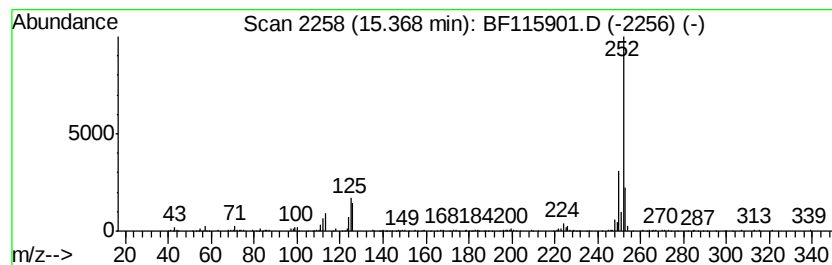
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.73 ng	256755	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	98
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	98
5		Benzo[a]pyrene	252	C20H12	000050-32-8	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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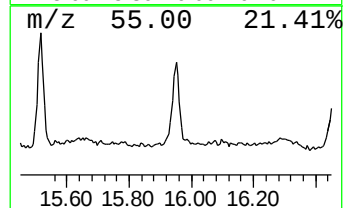
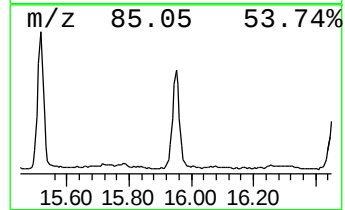
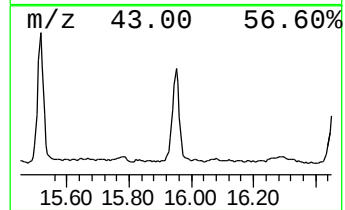
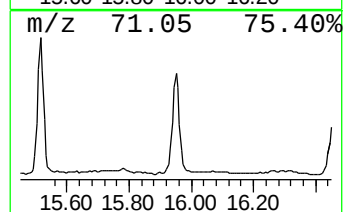
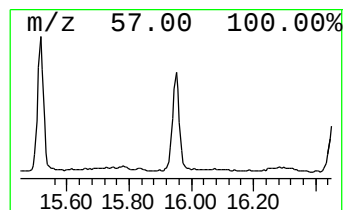
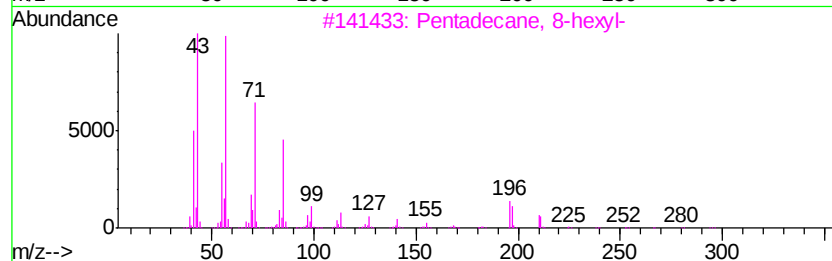
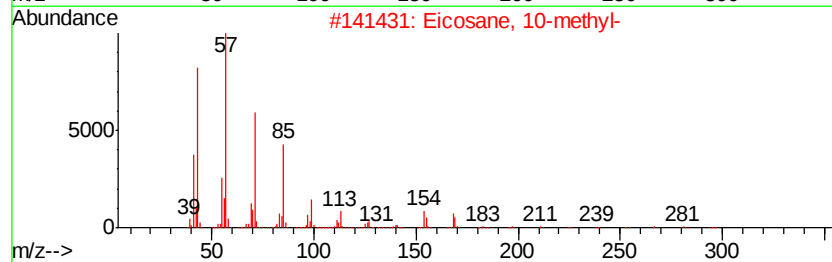
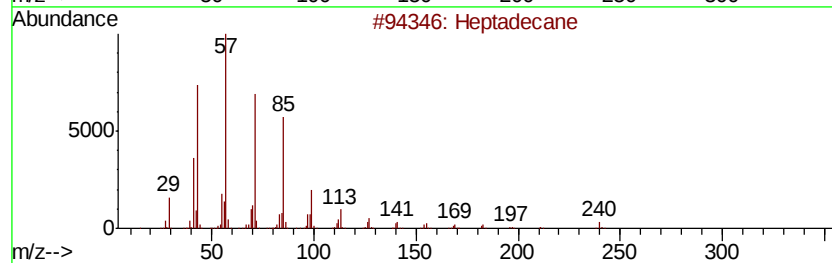
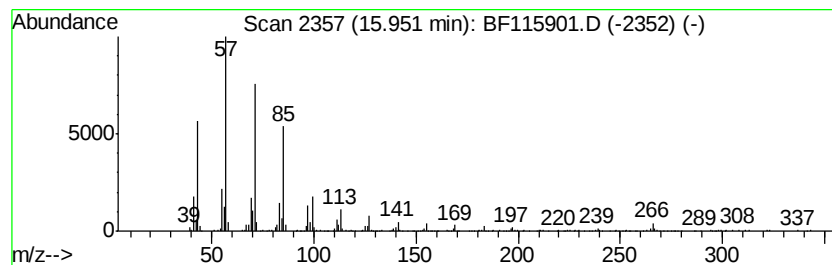
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.95	6.50 ng	611557	Perylene-d12	15.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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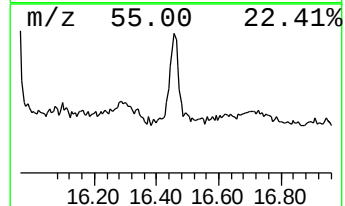
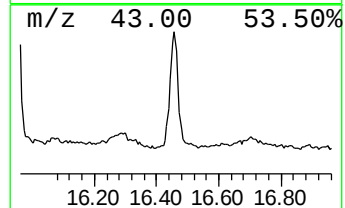
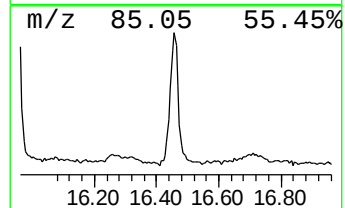
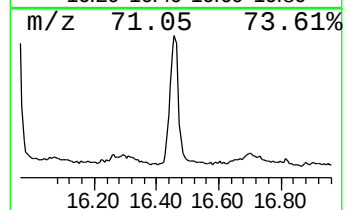
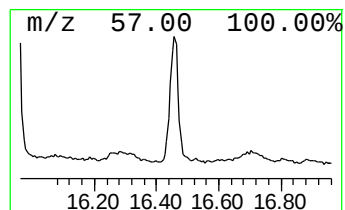
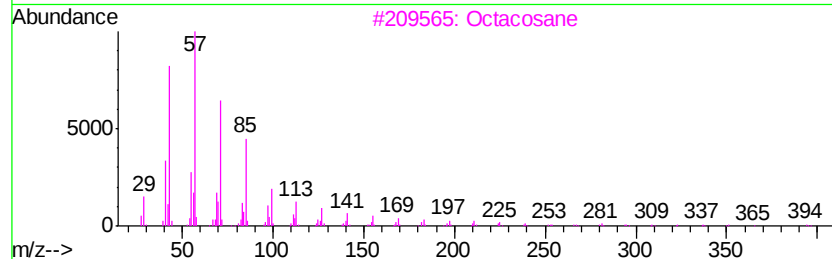
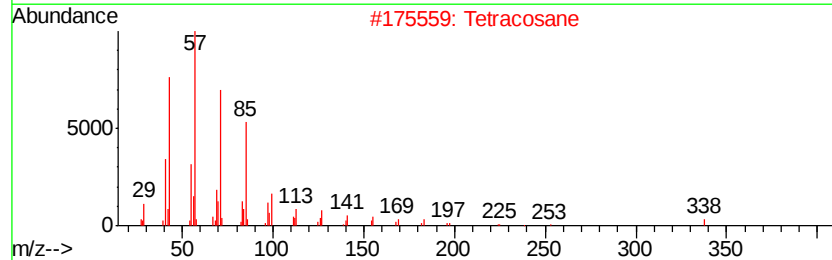
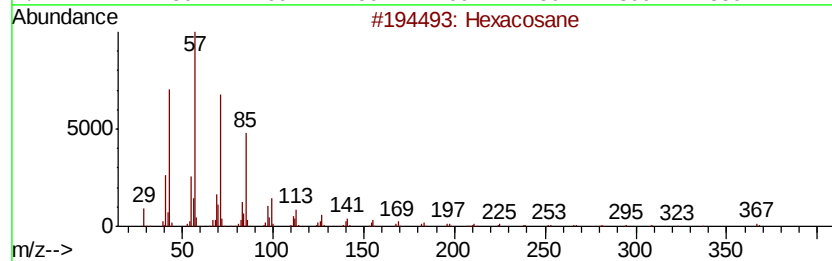
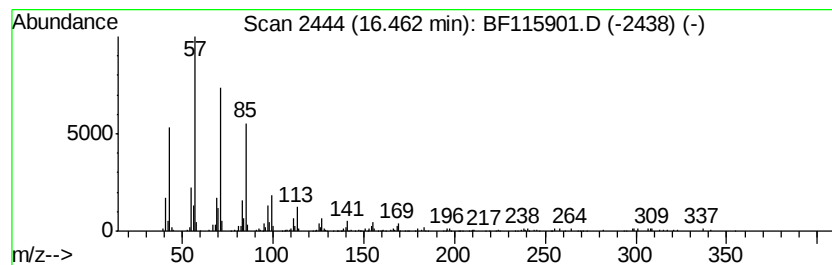
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 13 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	3.90 ng	366705	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
Data File : BF115901.D
Acq On : 1 Aug 2019 12:19
Operator : HP/JU
Sample : K4021-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.12	18.0	ng	767218	1	6.85	851534	20.0
unknown6.62	6.62	53.2	ng	2263950	1	6.85	851534	20.0
Phenanthrene, 2-m...	11.91	3.4	ng	219118	4	11.38	1280060	20.0
unknown13.81	13.81	3.2	ng	240039	5	14.03	1503180	20.0
Morpholine, 4-phe...	13.85	2.9	ng	219653	5	14.03	1503180	20.0
2-(2-(2-Methoxyet...	13.88	8.1	ng	609583	5	14.03	1503180	20.0
2-Bromo dodecane	14.49	3.7	ng	280307	5	14.03	1503180	20.0
Octadecane	14.80	5.5	ng	522428	6	15.50	1881620	20.0
Benzo[e]pyrene	15.37	2.7	ng	256755	6	15.50	1881620	20.0
Heptadecane	15.95	6.5	ng	611557	6	15.50	1881620	20.0
Hexacosane	16.46	3.9	ng	366705	6	15.50	1881620	20.0