

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082120\
 Data File : BF121388.D
 Acq On : 22 Aug 2020 1:57
 Operator : JU/CG
 Sample : L3729-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2-(1-2)

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-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	4.893	474	477	486	rVB	38230	52373	1.84%	0.190%
2	5.310	544	548	570	rBV	2301820	2432655	85.58%	8.819%
3	5.522	579	584	594	rVB2	51290	57423	2.02%	0.208%
4	6.346	719	724	743	rBV	2330353	2395976	84.29%	8.686%
5	6.534	751	756	761	rBV	102232	115010	4.05%	0.417%
6	6.698	780	784	787	rBV	1004266	823768	28.98%	2.986%
7	6.957	825	828	837	rVB	29441	33905	1.19%	0.123%
8	7.263	875	880	883	rBV	1725594	1642442	57.78%	5.954%
9	7.551	927	929	936	rVB	73596	72561	2.55%	0.263%
10	7.981	998	1002	1004	rBV	1265853	1029312	36.21%	3.731%
11	7.998	1004	1005	1012	rVB	151608	126571	4.45%	0.459%
12	8.692	1117	1123	1130	rBV2	108305	102874	3.62%	0.373%
13	8.792	1136	1140	1143	rVB	73328	62583	2.20%	0.227%
14	9.057	1180	1185	1188	rBV	3190706	2842394	100.00%	10.304%
15	9.175	1200	1205	1209	rBV3	256119	248789	8.75%	0.902%
16	9.322	1223	1230	1233	rBV2	31241	45994	1.62%	0.167%
17	9.392	1238	1242	1245	rVV2	70792	74288	2.61%	0.269%
18	9.451	1249	1252	1259	rVB	464335	379227	13.34%	1.375%
19	9.592	1272	1276	1280	rVB	161116	129749	4.56%	0.470%
20	9.734	1292	1300	1303	rBV	1204202	1106626	38.93%	4.012%
21	10.110	1360	1364	1366	rBV	36752	30365	1.07%	0.110%
22	10.275	1390	1392	1397	rVB	54920	61078	2.15%	0.221%
23	10.522	1430	1434	1442	rBV	1568639	1395297	49.09%	5.058%
24	10.645	1451	1455	1462	rVB3	44965	62167	2.19%	0.225%
25	10.828	1482	1486	1488	rBV3	29614	39556	1.39%	0.143%
26	11.022	1516	1519	1523	rVB	40935	38171	1.34%	0.138%
27	11.110	1532	1534	1541	rVB	104883	100152	3.52%	0.363%
28	11.216	1548	1552	1554	rBV	1156739	968340	34.07%	3.510%
29	11.239	1554	1556	1559	rVV	538902	405981	14.28%	1.472%
30	11.292	1562	1565	1568	rVB	102553	96530	3.40%	0.350%
31	11.510	1600	1602	1605	rVV	47114	36096	1.27%	0.131%
32	11.545	1605	1608	1612	rVB2	59293	55481	1.95%	0.201%
33	11.628	1619	1622	1627	rVB	36273	43704	1.54%	0.158%
34	11.716	1634	1637	1640	rBV	108751	100220	3.53%	0.363%

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35	11.745	1640	1642	1645	rVB	140197	110077	3.87%	0.399%
36	11.828	1652	1656	1658	rBV	158767	166456	5.86%	0.603%
37	11.851	1658	1660	1665	rVB	95219	77957	2.74%	0.283%
38	11.922	1669	1672	1674	rBV2	32276	31122	1.09%	0.113%
39	12.010	1685	1687	1689	rBV	63473	56019	1.97%	0.203%
40	12.039	1690	1692	1697	rVB2	55056	60966	2.14%	0.221%
41	12.139	1707	1709	1711	rBV	33394	32126	1.13%	0.116%
42	12.186	1715	1717	1720	rVV2	78754	77561	2.73%	0.281%
43	12.269	1728	1731	1733	rBV	94851	101086	3.56%	0.366%
44	12.357	1742	1746	1749	rBV3	67325	84220	2.96%	0.305%
45	12.428	1753	1758	1762	rBV	640089	557015	19.60%	2.019%
46	12.522	1771	1774	1777	rBV	145820	131039	4.61%	0.475%
47	12.580	1781	1784	1790	rVV3	84101	133878	4.71%	0.485%
48	12.657	1793	1797	1799	rVV	773469	710856	25.01%	2.577%
49	12.675	1799	1800	1803	rVB2	59929	51754	1.82%	0.188%
50	12.804	1817	1822	1825	rBV	2200712	2163669	76.12%	7.843%
51	12.875	1831	1834	1839	rBV	62592	96846	3.41%	0.351%
52	12.963	1846	1849	1850	rBV2	73453	78565	2.76%	0.285%
53	13.033	1858	1861	1862	rBV	63774	59357	2.09%	0.215%
54	13.086	1868	1870	1875	rVB2	80978	80589	2.84%	0.292%
55	13.180	1884	1886	1888	rVB	85702	63110	2.22%	0.229%
56	13.210	1889	1891	1894	rVB	78559	59557	2.10%	0.216%
57	13.286	1898	1904	1910	rBV	607540	716202	25.20%	2.596%
58	13.492	1937	1939	1944	rVB	75624	86669	3.05%	0.314%
59	13.604	1955	1958	1960	rBV	130456	119930	4.22%	0.435%
60	13.627	1960	1962	1964	rVV	81837	68524	2.41%	0.248%
61	13.651	1964	1966	1969	rVV	115187	114316	4.02%	0.414%
62	13.704	1972	1975	1983	rVB	271214	387612	13.64%	1.405%
63	13.851	1996	2000	2003	rBV2	1001930	1255148	44.16%	4.550%
64	13.880	2003	2005	2007	rVB	294511	227262	8.00%	0.824%
65	14.869	2170	2173	2180	rBV	353760	635815	22.37%	2.305%
66	15.151	2218	2221	2228	rVB	222383	263791	9.28%	0.956%
67	15.210	2228	2231	2236	rVB2	372345	446860	15.72%	1.620%
68	15.269	2237	2241	2245	rBV	682858	842751	29.65%	3.055%
69	16.633	2470	2473	2480	rVB2	148414	229335	8.07%	0.831%

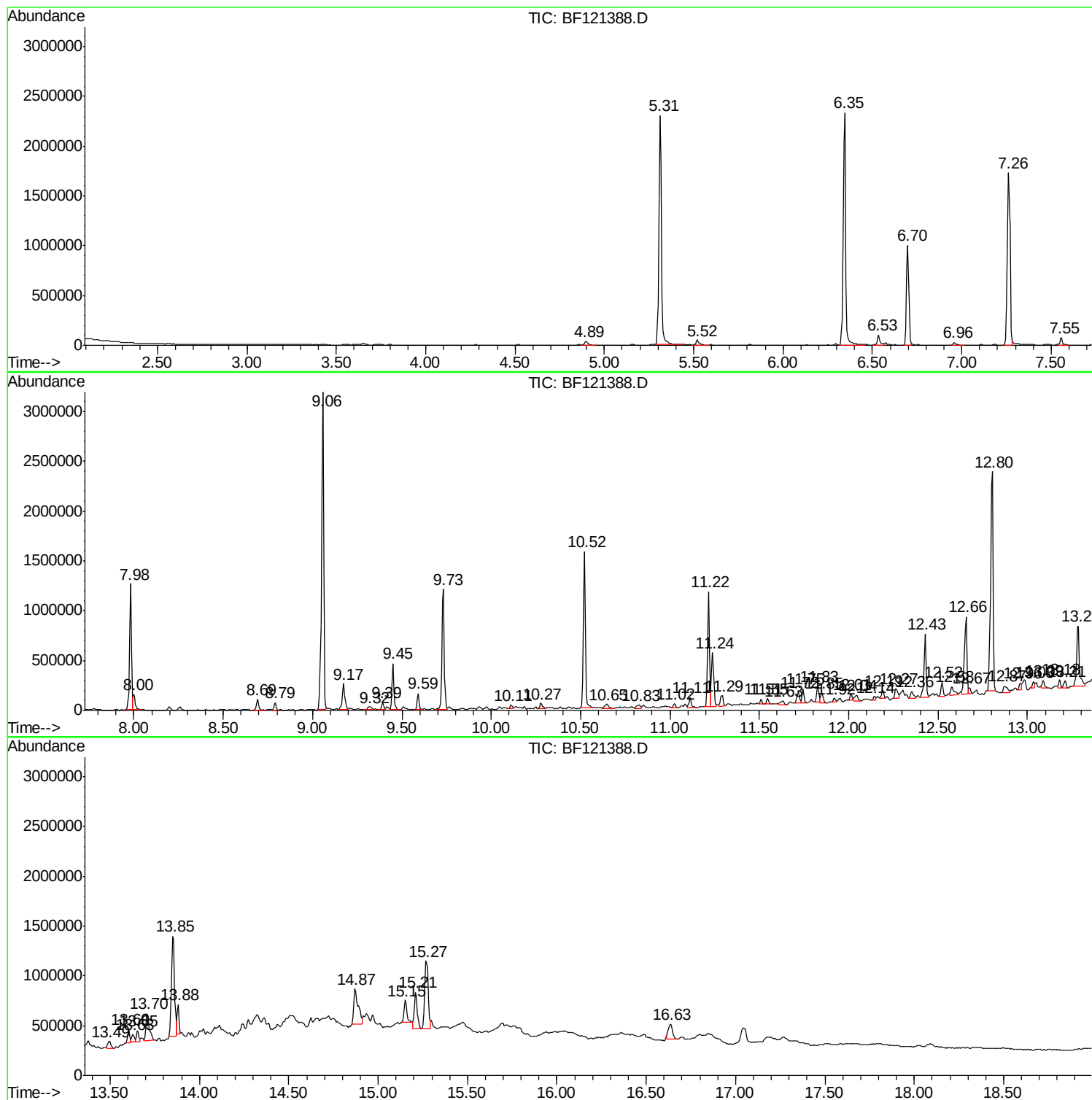
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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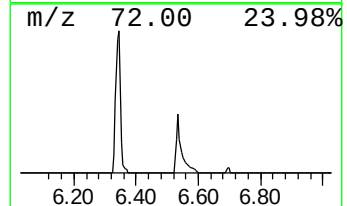
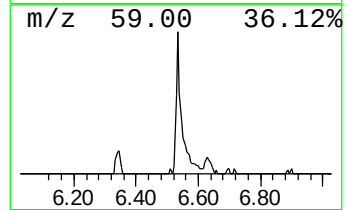
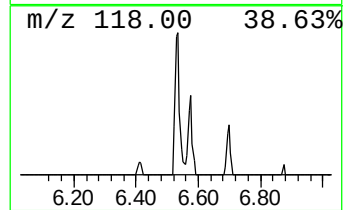
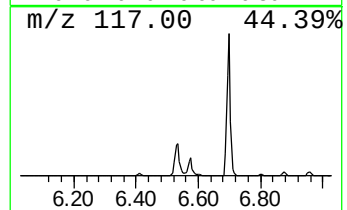
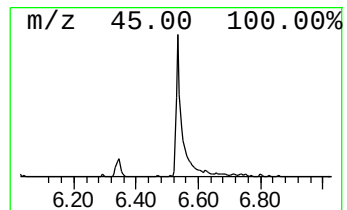
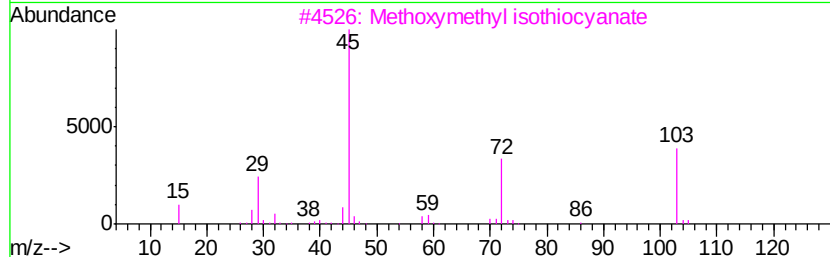
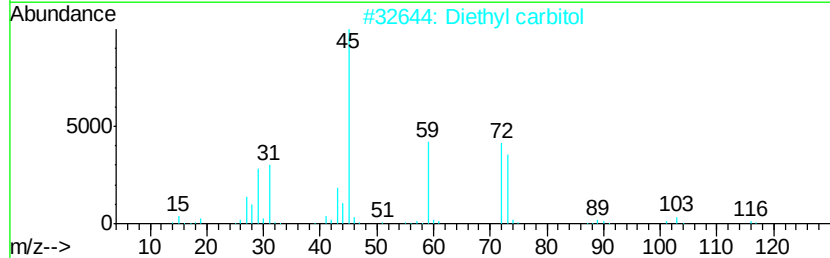
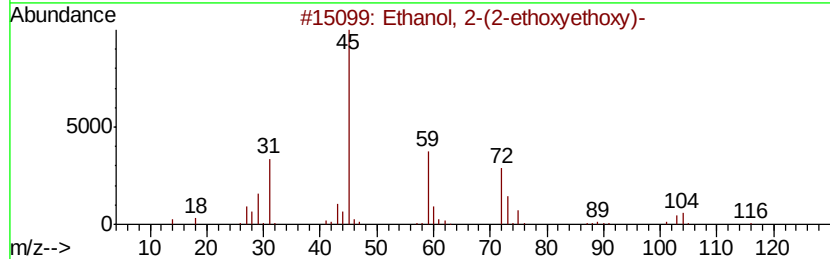
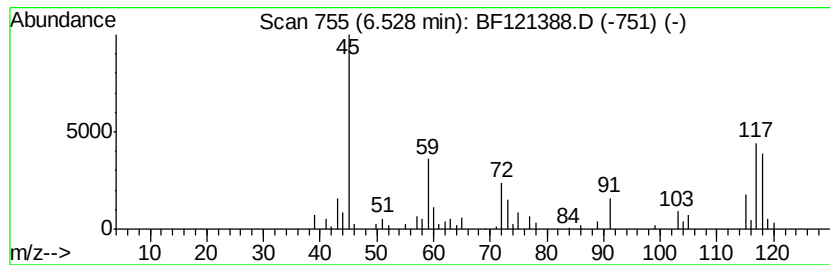
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	2.79 ng	115010	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	58
2		Diethyl carbitol	162	C8H18O3	000112-36-7	50
3		Methoxymethyl isothiocyanate	103	C3H5NOS	019900-84-6	43
4		Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	38
5		Butane, 1,2,4-trimethoxy-	148	C7H16O3	020637-48-3	38



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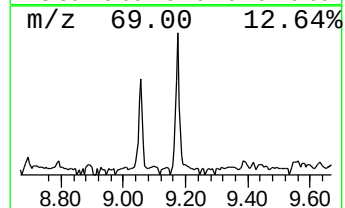
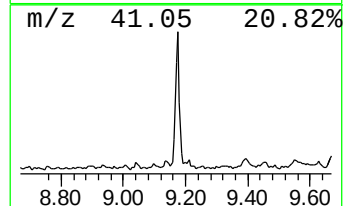
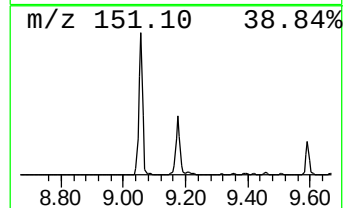
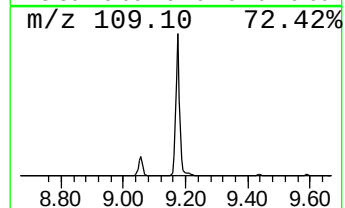
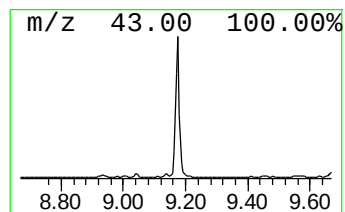
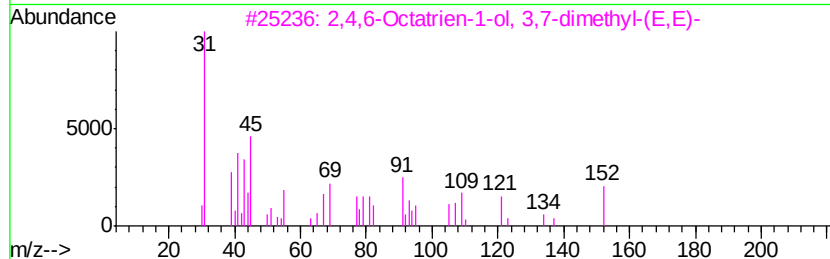
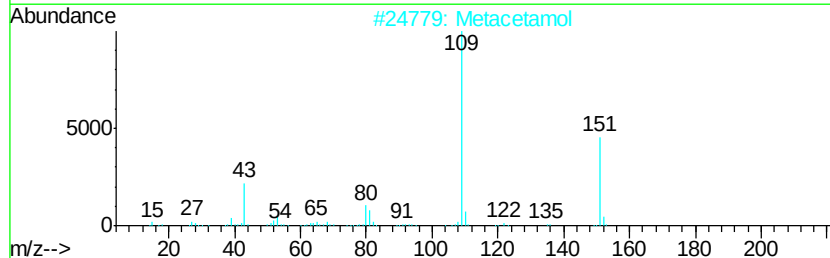
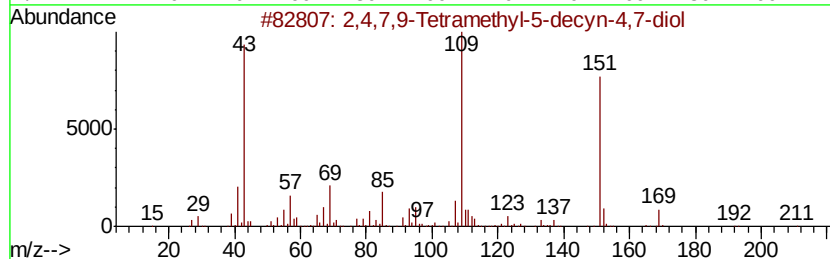
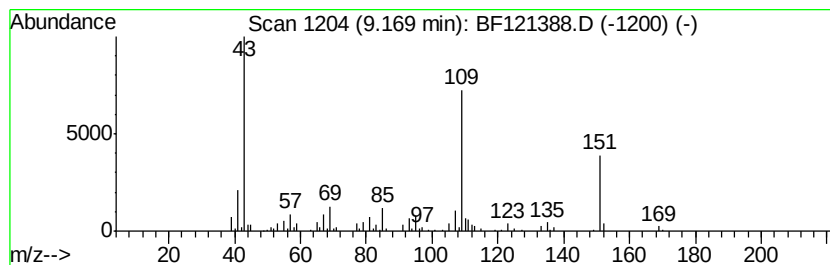
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	4.50 ng	248789	Acenaphthene-d10	9.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91		
2	Metacetamol	151	C8H9NO2	000621-42-1	59		
3	2,4,6-Octatrien-1-ol, 3,7-dimeth...	152	C10H16O	089155-85-1	47		
4	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	45		
5	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	45		



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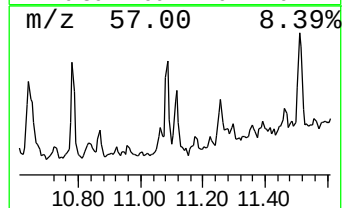
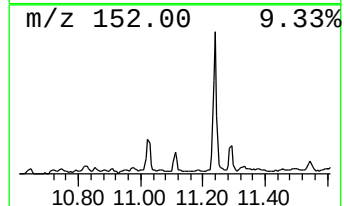
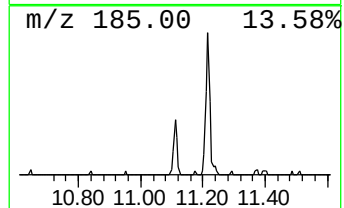
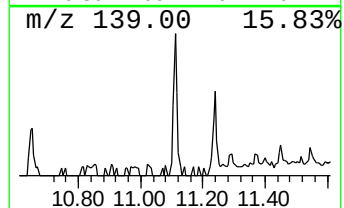
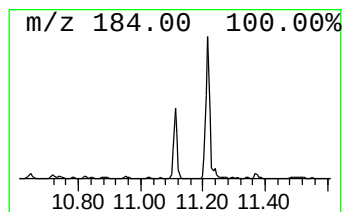
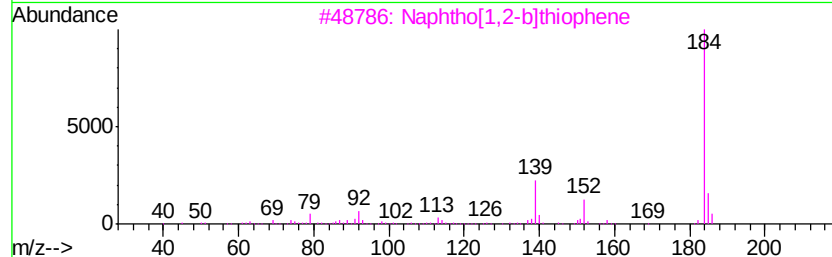
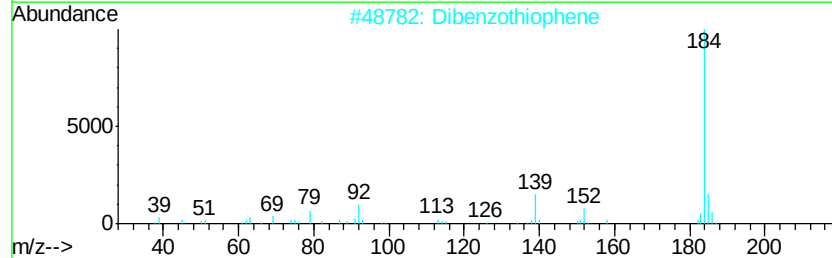
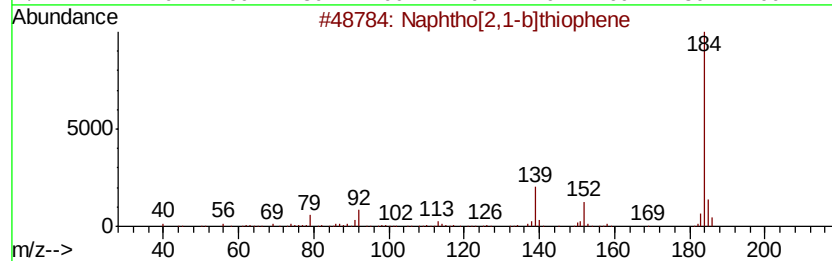
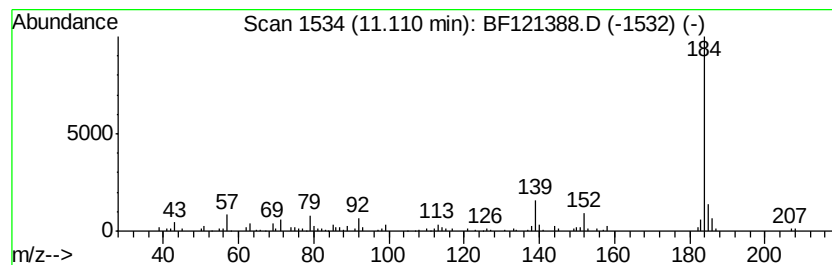
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphtho[2,1-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.11	2.07 ng	100152	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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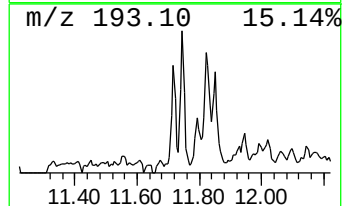
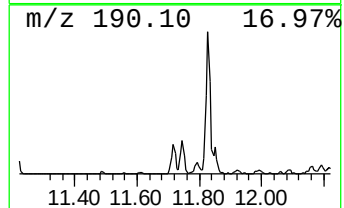
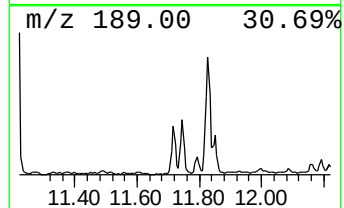
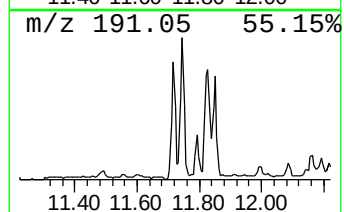
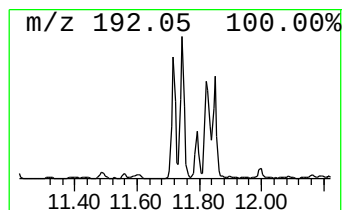
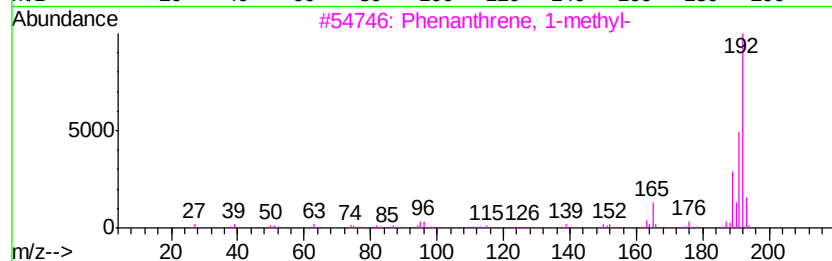
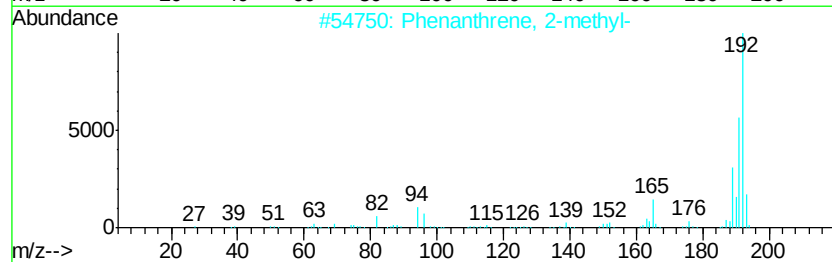
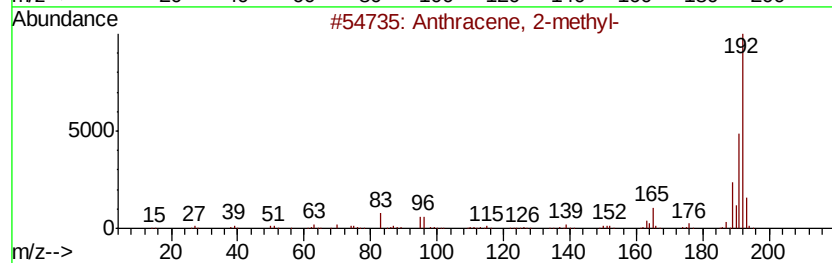
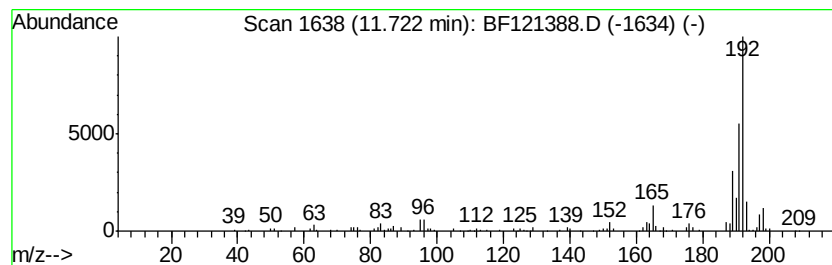
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.07 ng	100220	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121388.D
Acq On : 22 Aug 2020 1:57
Operator : JU/CG
Sample : L3729-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2-(1-2)

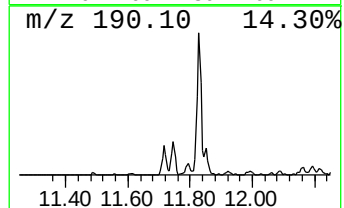
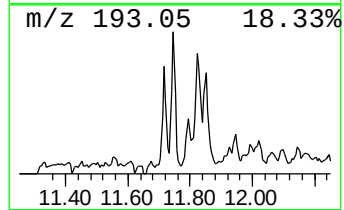
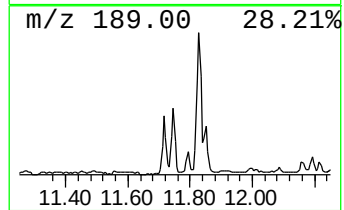
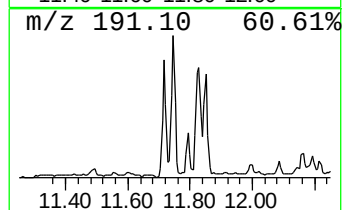
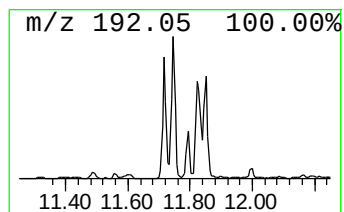
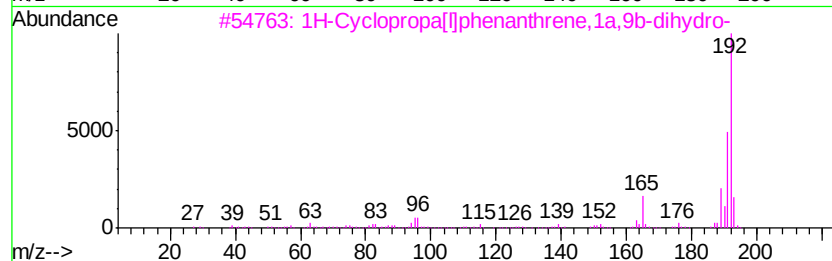
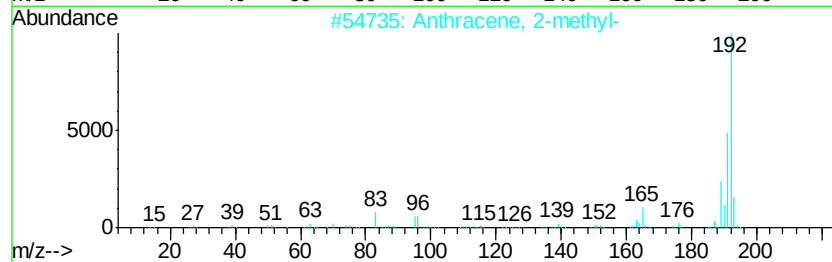
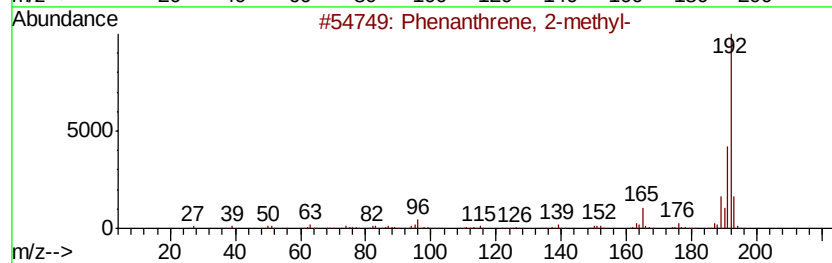
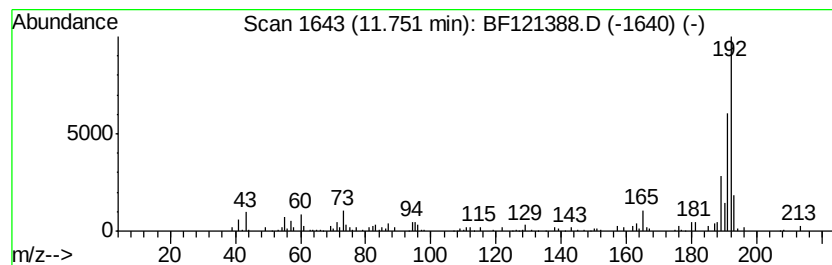
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.27 ng	110077	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
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Acq On : 22 Aug 2020 1:57
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Sample : L3729-15
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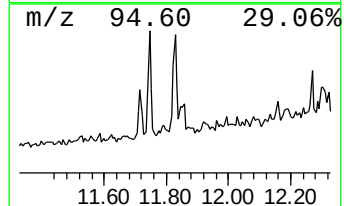
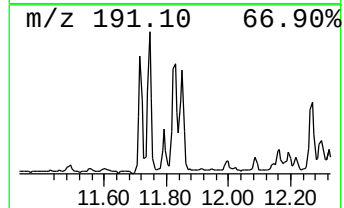
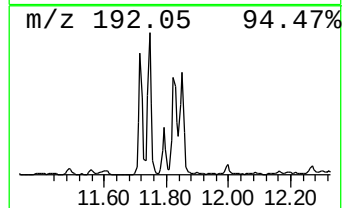
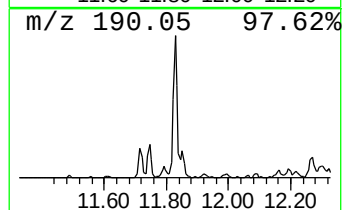
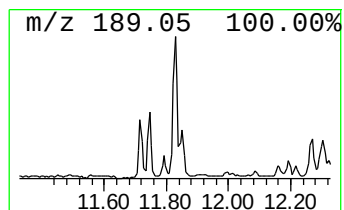
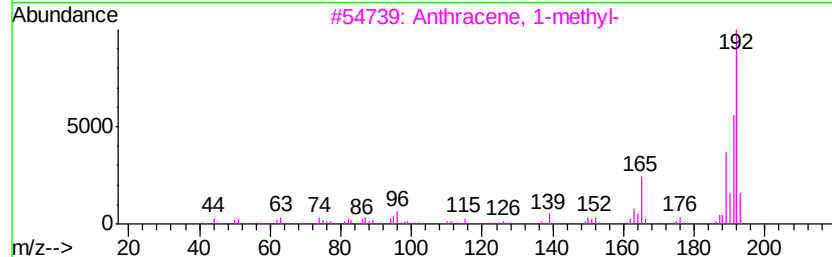
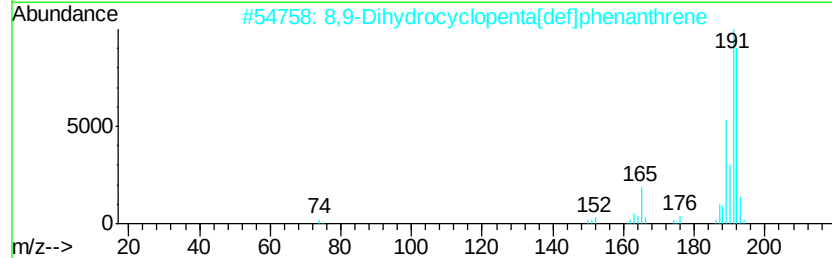
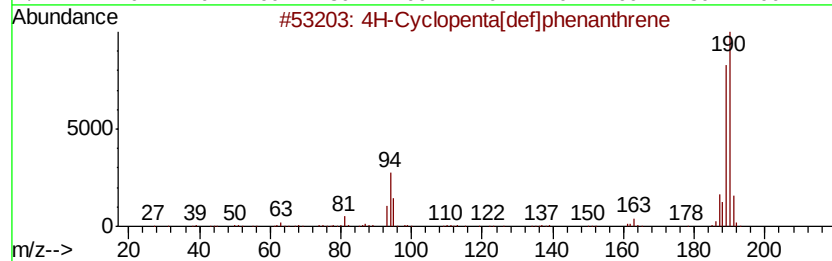
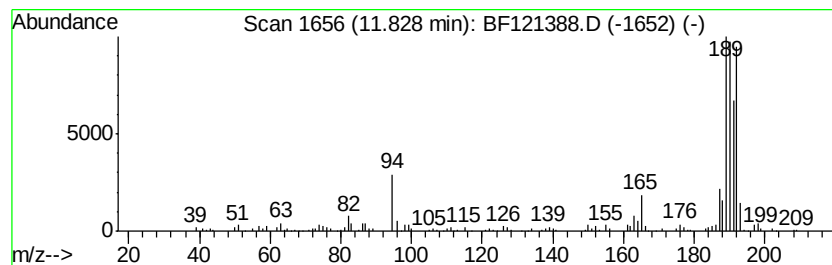
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	3.44 ng	166456	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121388.D
Acq On : 22 Aug 2020 1:57
Operator : JU/CG
Sample : L3729-15
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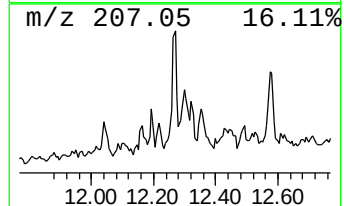
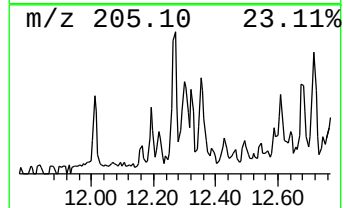
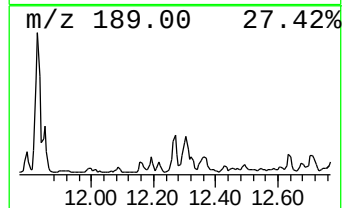
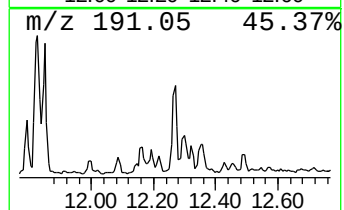
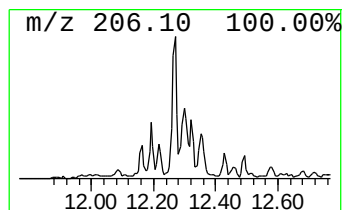
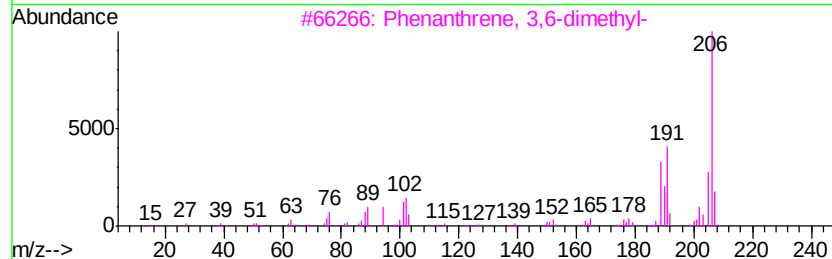
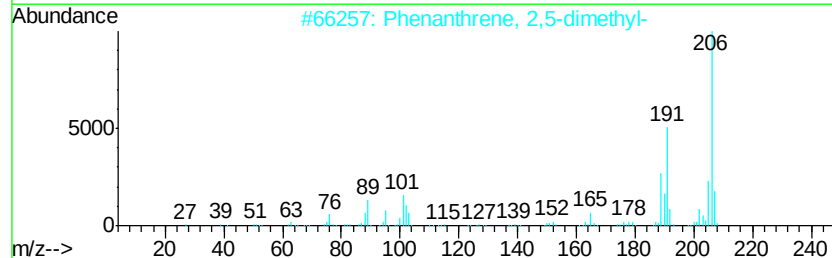
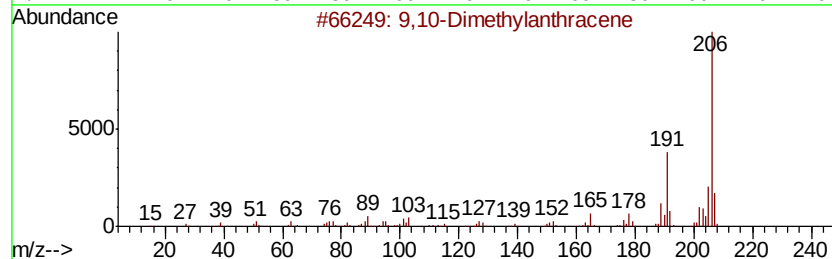
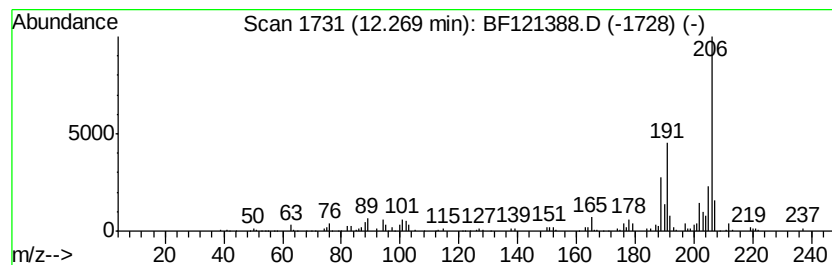
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,10-Dimethylantracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.09 ng	101086	Phenanthrene-d10	11.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121388.D
Acq On : 22 Aug 2020 1:57
Operator : JU/CG
Sample : L3729-15
Misc :
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ClientSampleId :
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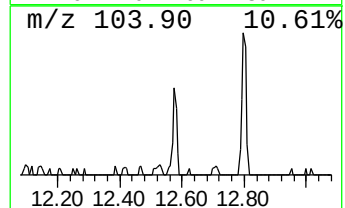
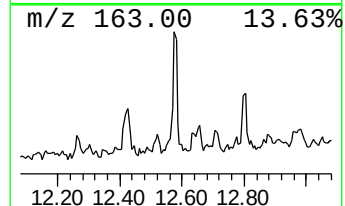
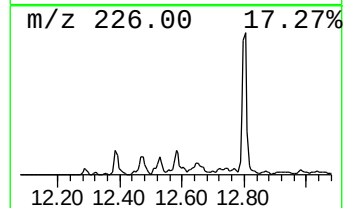
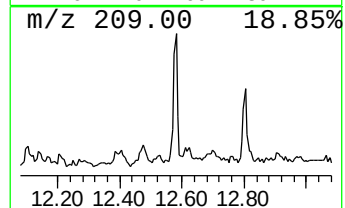
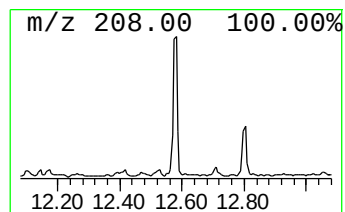
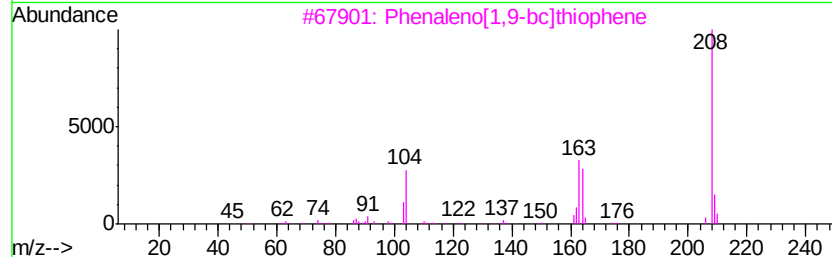
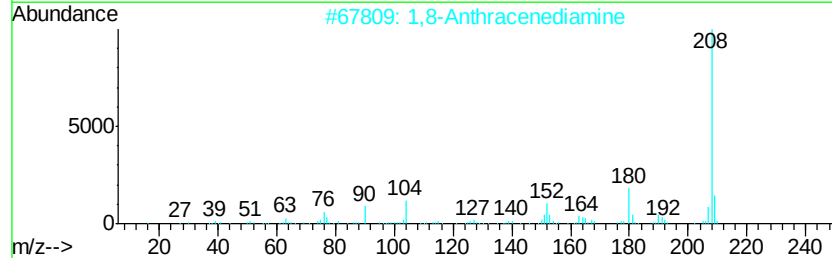
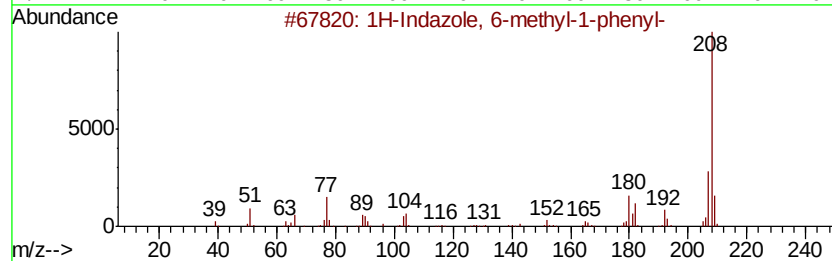
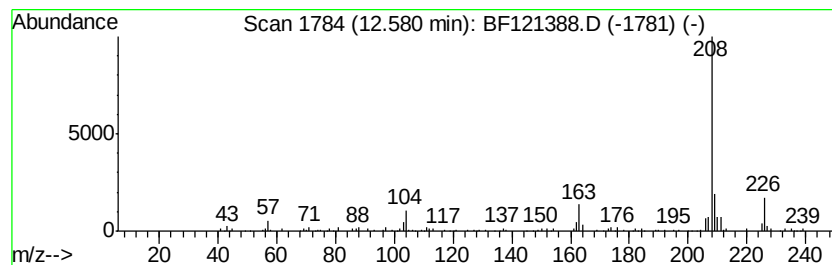
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Indazole, 6-methyl-1-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	2.13 ng	133878	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indazole, 6-methyl-1-phenyl-	208	C14H12N2	1000305-65-6	59
2		1,8-Anthracenediamine	208	C14H12N2	139312-39-3	59
3		Phenalenol[1,9-bc]thiophene	208	C14H8S	079965-99-4	53
4		4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3	45
5		1,6-Dimethylphenazine	208	C14H12N2	058718-43-7	42



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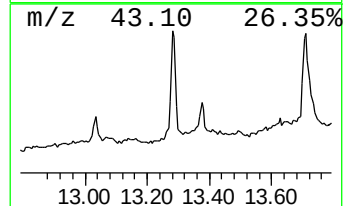
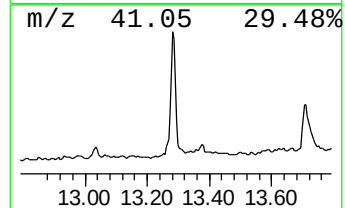
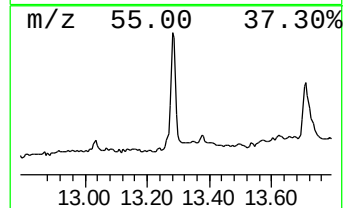
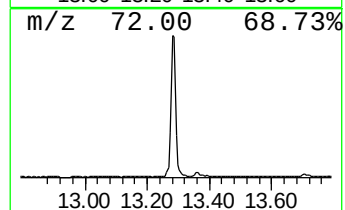
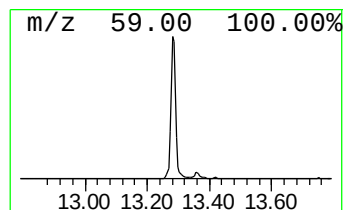
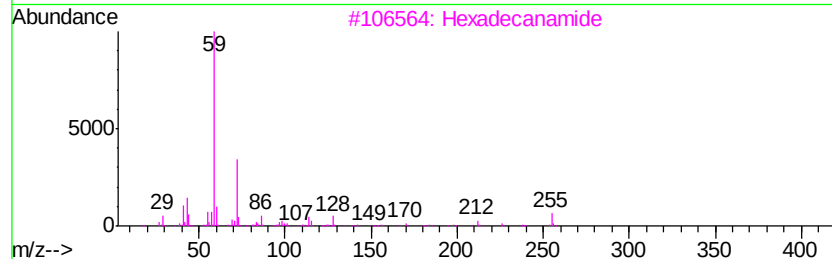
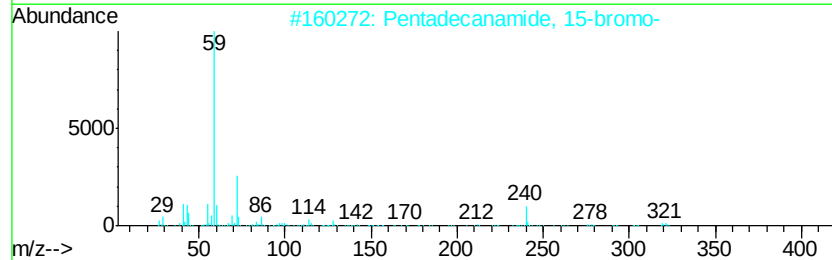
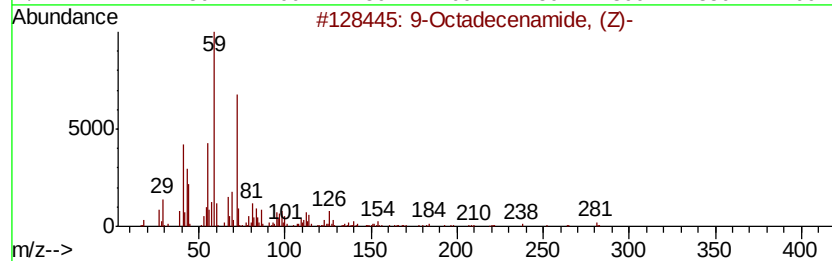
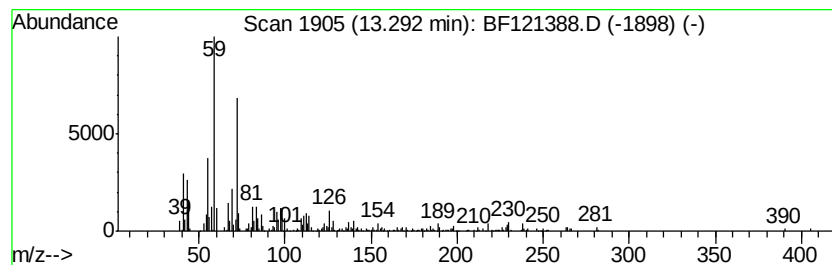
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	11.41 ng	716202	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2		Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64
3		Hexadecanamide	255	C16H33NO	000629-54-9	56
4		Dodecanamide	199	C12H25NO	001120-16-7	53
5		Octanamide	143	C8H17NO	000629-01-6	53



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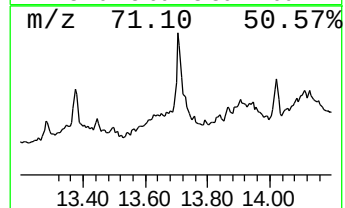
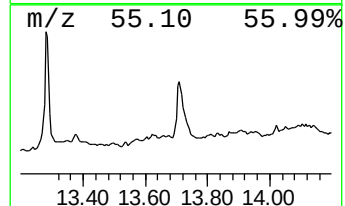
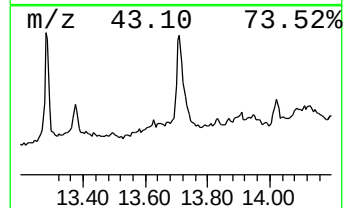
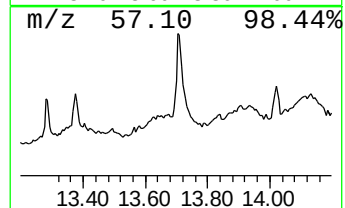
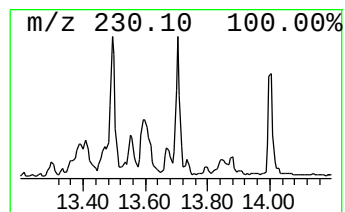
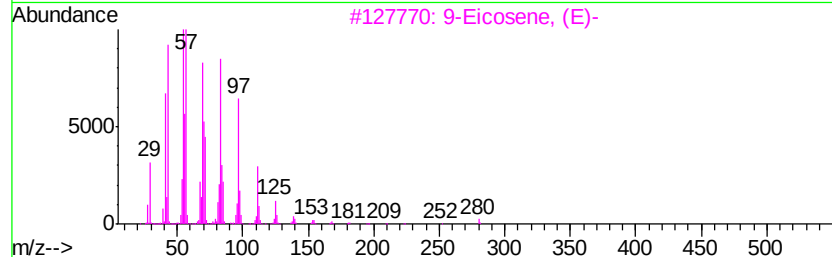
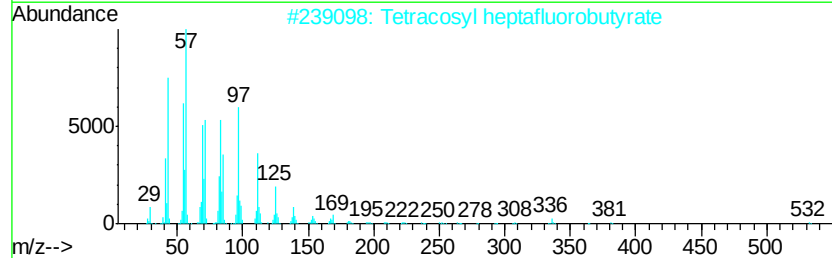
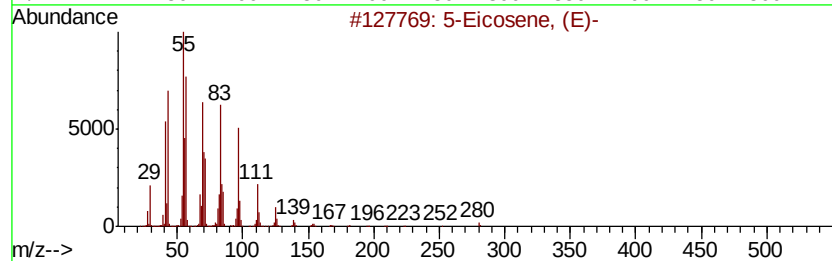
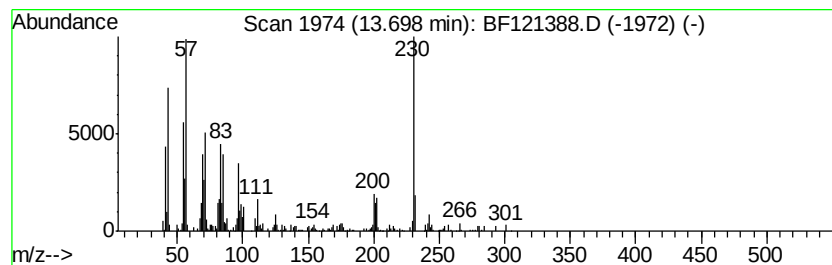
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.70	6.18 ng	387612	Chrysene-d12	13.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
2	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	60
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	59
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	55
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	53



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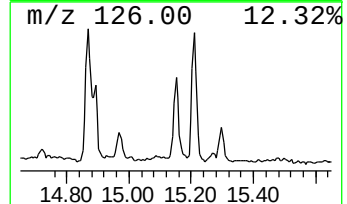
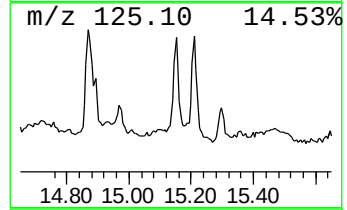
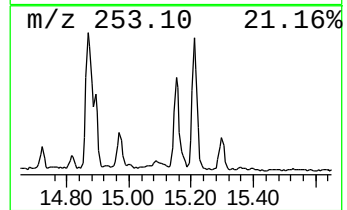
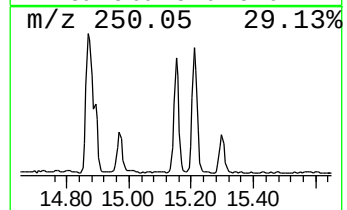
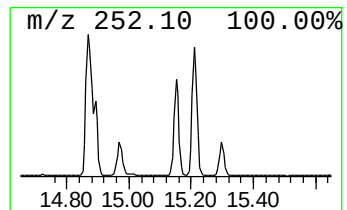
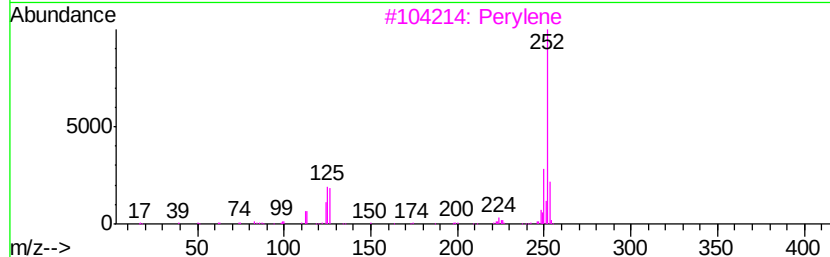
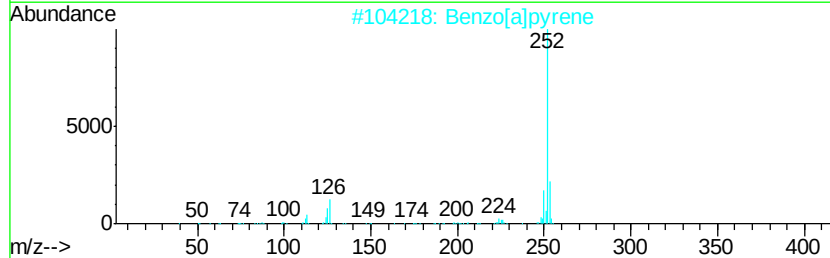
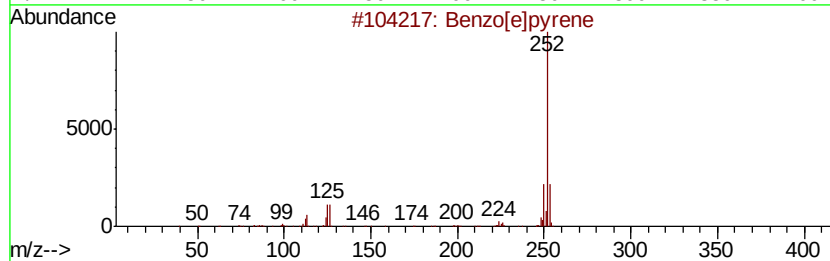
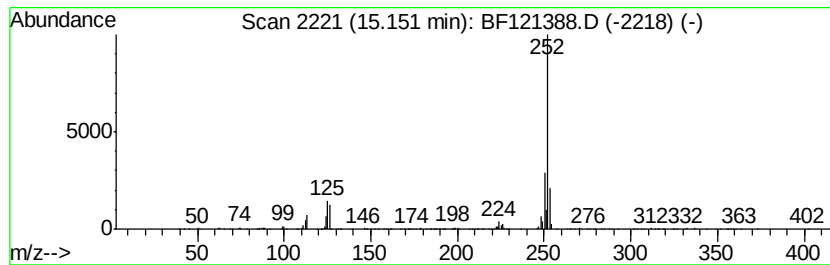
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	6.26 ng	263791	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Perylene	252	C20H12	000198-55-0	97
4			Benzo[il]fluoranthene	252	C20H12	000205-82-3	96
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082120\
 Data File : BF121388.D
 Acq On : 22 Aug 2020 1:57
 Operator : JU/CG
 Sample : L3729-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2-(1-2)

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	2.8	ng	115010	1	6.70	823768	20.0
2,4,7,9-Tetrameth...	9.17	4.5	ng	248789	3	9.73	1106630	20.0
Naphtho[2,1-b]thi...	11.11	2.1	ng	100152	4	11.22	968340	20.0
Anthracene, 2-met...	11.72	2.1	ng	100220	4	11.22	968340	20.0
Phenanthrene, 2-m...	11.75	2.3	ng	110077	4	11.22	968340	20.0
4H-Cyclopenta[def...	11.83	3.4	ng	166456	4	11.22	968340	20.0
9,10-Dimethylanth...	12.27	2.1	ng	101086	4	11.22	968340	20.0
1H-Indazole, 6-me...	12.58	2.1	ng	133878	5	13.86	1255150	20.0
9-Octadecenamide, ...	13.29	11.4	ng	716202	5	13.86	1255150	20.0
5-Eicosene, (E)-	13.70	6.2	ng	387612	5	13.86	1255150	20.0
Benzo[e]pyrene	15.15	6.3	ng	263791	6	15.27	842751	20.0