

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
 Data File : BF119460.D
 Acq On : 20 Mar 2020 1:46
 Operator : CG/JU
 Sample : L1913-14 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MK-031220-0-2-COMP-B4

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	5.045	499	503	508	rVB	41483	46577	1.47%	0.109%
2	5.451	567	572	575	rBV	3425837	3048051	96.23%	7.120%
3	6.463	739	744	747	rBV	3502007	2958485	93.40%	6.911%
4	6.669	776	779	781	rBV	69577	55612	1.76%	0.130%
5	6.845	806	809	813	rBV	2355679	2035197	64.25%	4.754%
6	7.004	832	836	839	rVB	3151152	2447682	77.27%	5.718%
7	7.404	900	904	907	rBV	2314928	1885515	59.53%	4.405%
8	8.133	1023	1028	1031	rBV	3279334	2665555	84.15%	6.227%
9	8.845	1146	1149	1153	rVB	51341	45344	1.43%	0.106%
10	9.210	1207	1211	1214	rBV	4017232	3167554	100.00%	7.399%
11	9.298	1222	1226	1235	rBV3	62638	118401	3.74%	0.277%
12	9.474	1252	1256	1260	rVB2	29014	41847	1.32%	0.098%
13	9.545	1265	1268	1271	rVB2	50226	47453	1.50%	0.111%
14	9.604	1275	1278	1282	rVB	461117	366264	11.56%	0.856%
15	9.663	1285	1288	1293	rBV	32083	48445	1.53%	0.113%
16	9.751	1300	1303	1306	rBV	156854	131568	4.15%	0.307%
17	9.892	1321	1327	1330	rBV	3307298	2657595	83.90%	6.208%
18	9.922	1330	1332	1336	rVB	131387	111732	3.53%	0.261%
19	10.092	1357	1361	1364	rVB	135879	126761	4.00%	0.296%
20	10.327	1398	1401	1403	rVB2	52980	43480	1.37%	0.102%
21	10.439	1417	1420	1426	rVB2	106439	101042	3.19%	0.236%
22	10.598	1444	1447	1451	rVB2	52184	53577	1.69%	0.125%
23	10.674	1456	1460	1464	rBV	1733192	1511115	47.71%	3.530%
24	10.804	1479	1482	1489	rVB2	117191	159441	5.03%	0.372%
25	10.863	1489	1492	1494	rBV4	57970	54605	1.72%	0.128%
26	10.986	1509	1513	1515	rBV3	52826	63534	2.01%	0.148%
27	11.074	1524	1528	1531	rBV4	39559	56400	1.78%	0.132%
28	11.274	1560	1562	1567	rVB2	109113	123359	3.89%	0.288%
29	11.380	1576	1580	1582	rBV	2661659	2219094	70.06%	5.184%
30	11.404	1582	1584	1587	rVV	536276	420163	13.26%	0.982%
31	11.451	1587	1592	1595	rVV	359228	314622	9.93%	0.735%
32	11.486	1595	1598	1602	rBV2	56596	62497	1.97%	0.146%
33	11.680	1628	1631	1633	rBV	82554	65063	2.05%	0.152%
34	11.710	1634	1636	1639	rVB2	62190	46258	1.46%	0.108%

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35	11.792	1648	1650	1655	rVB	45168	49196	1.55%	0.115%
36	11.880	1662	1665	1667	rBV	133547	121357	3.83%	0.283%
37	11.910	1667	1670	1675	rVB	487424	436799	13.79%	1.020%
38	11.957	1675	1678	1681	rBV	89082	78302	2.47%	0.183%
39	11.992	1681	1684	1687	rBV	303958	316766	10.00%	0.740%
40	12.086	1698	1700	1703	rVB2	69552	49071	1.55%	0.115%
41	12.180	1713	1716	1718	rBV2	92590	88593	2.80%	0.207%
42	12.327	1736	1741	1744	rBV3	60860	95442	3.01%	0.223%
43	12.357	1744	1746	1748	rVV	75720	68043	2.15%	0.159%
44	12.380	1748	1750	1752	rVB2	61121	47732	1.51%	0.112%
45	12.433	1756	1759	1762	rVV	177041	169936	5.36%	0.397%
46	12.474	1762	1766	1770	rVB3	118253	193300	6.10%	0.452%
47	12.515	1770	1773	1778	rBV2	64740	92806	2.93%	0.217%
48	12.592	1783	1786	1789	rBV	1369492	1182465	37.33%	2.762%
49	12.621	1789	1791	1792	rBV2	100981	96735	3.05%	0.226%
50	12.698	1800	1804	1810	rBV2	257546	315681	9.97%	0.737%
51	12.821	1820	1825	1828	rBV	1317504	1223569	38.63%	2.858%
52	12.968	1846	1850	1858	rVB	2637460	2295635	72.47%	5.363%
53	13.039	1859	1862	1865	rBV4	95534	122762	3.88%	0.287%
54	13.127	1875	1877	1878	rBV2	78659	67730	2.14%	0.158%
55	13.151	1878	1881	1884	rVB	285811	255085	8.05%	0.596%
56	13.215	1889	1892	1895	rVB2	246953	222256	7.02%	0.519%
57	13.257	1896	1899	1902	rBV2	179950	158080	4.99%	0.369%
58	13.345	1912	1914	1917	rVB	124445	108197	3.42%	0.253%
59	13.380	1917	1920	1922	rBV	122537	110959	3.50%	0.259%
60	13.551	1947	1949	1951	rBV2	108558	87733	2.77%	0.205%
61	13.798	1989	1991	1993	rBV	88774	59717	1.89%	0.140%
62	13.833	1993	1997	1999	rVV3	128465	186900	5.90%	0.437%
63	13.868	2000	2003	2007	rVB4	278579	343998	10.86%	0.804%
64	14.021	2024	2029	2032	rBV2	2264382	2698176	85.18%	6.303%
65	14.045	2032	2033	2039	rVB	615625	450837	14.23%	1.053%
66	14.504	2108	2111	2114	rBV2	267390	257264	8.12%	0.601%
67	15.062	2202	2206	2209	rBV	471220	728569	23.00%	1.702%
68	15.156	2220	2222	2230	rVB3	272064	404046	12.76%	0.944%
69	15.368	2254	2258	2263	rVB	337426	425573	13.44%	0.994%
70	15.427	2265	2268	2272	rBV	436017	469822	14.83%	1.098%
71	15.492	2275	2279	2283	rVV	1202900	1428688	45.10%	3.337%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

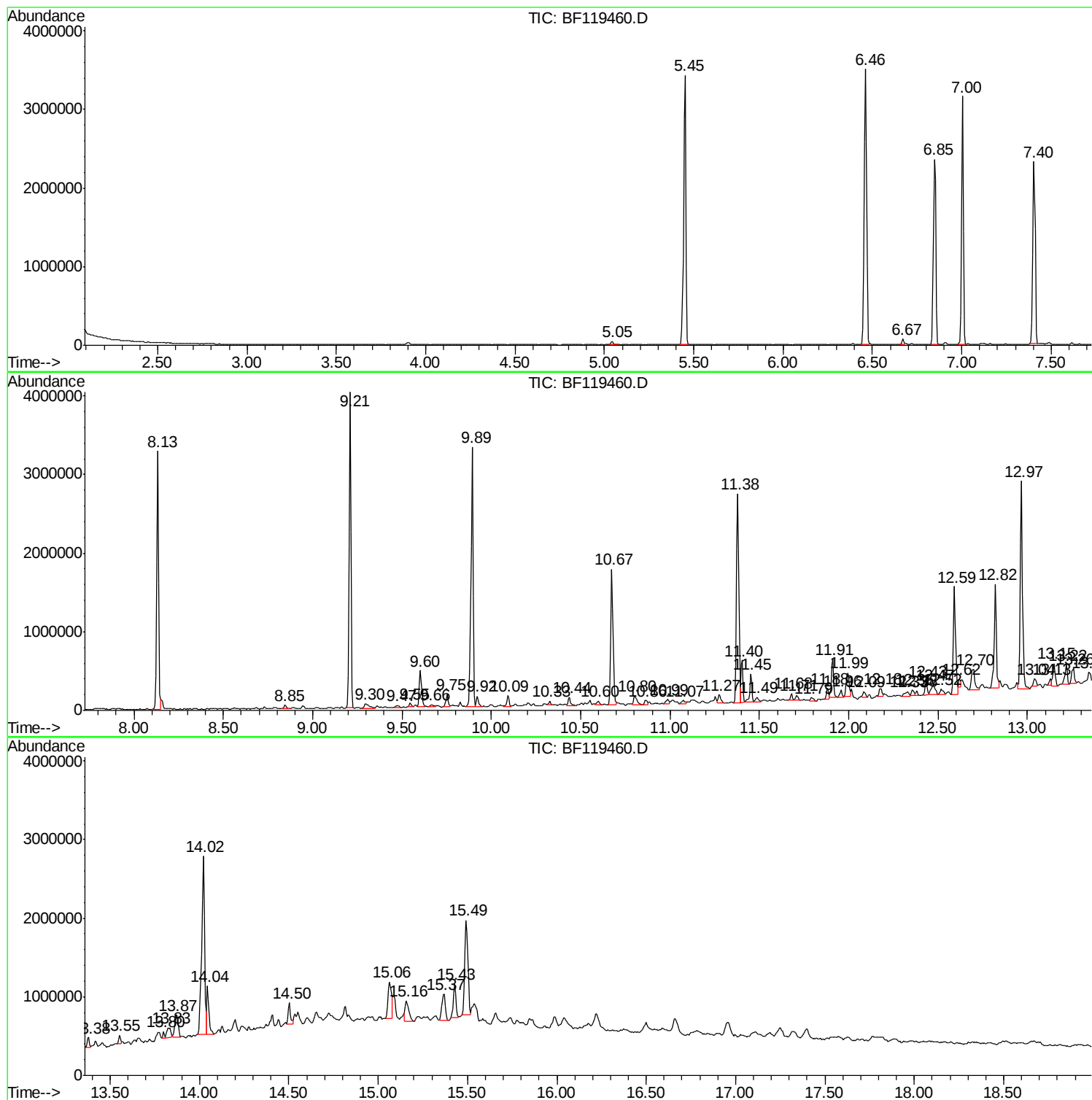
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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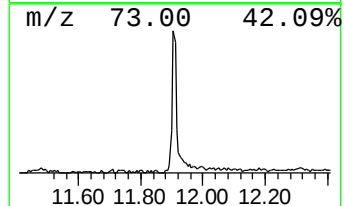
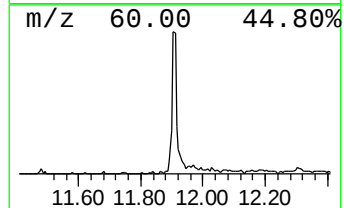
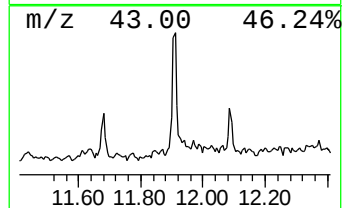
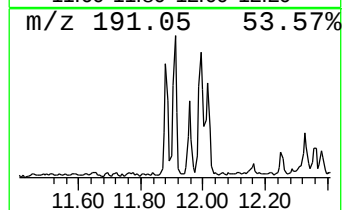
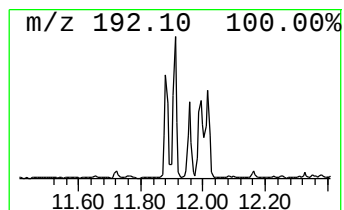
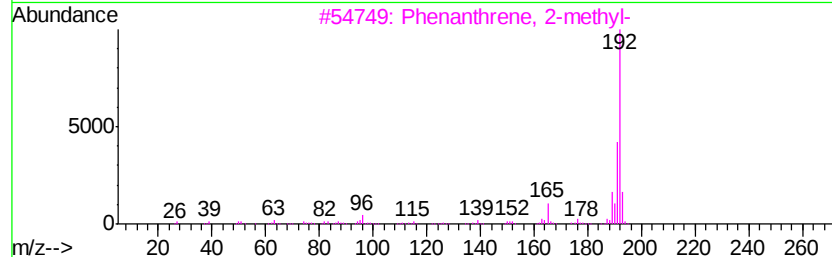
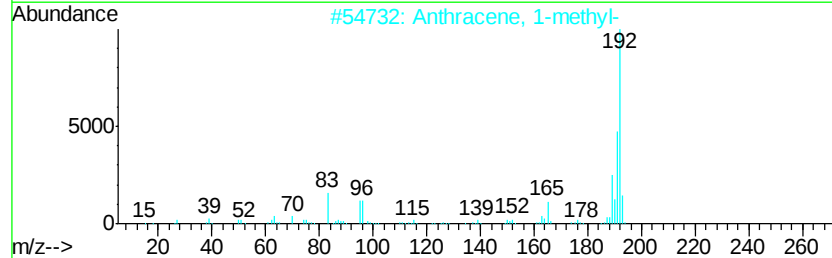
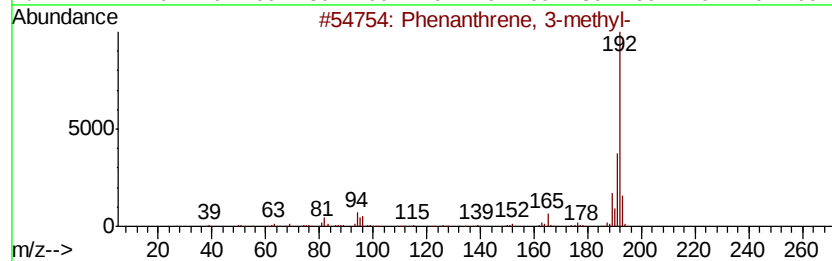
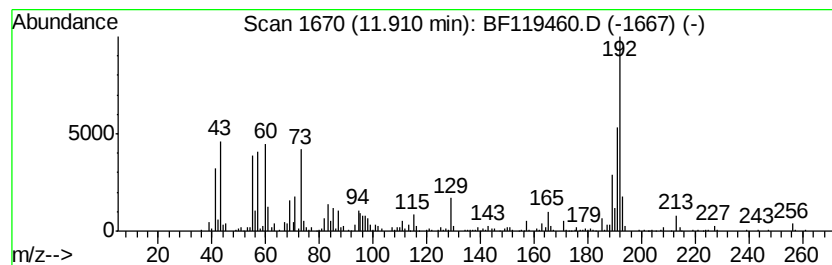
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.91	3.94 ng	436799	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92



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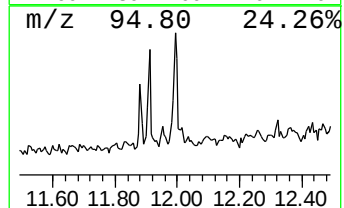
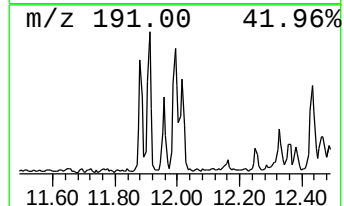
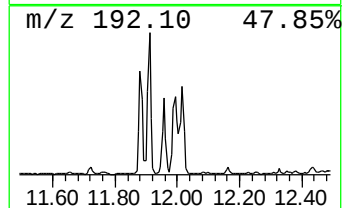
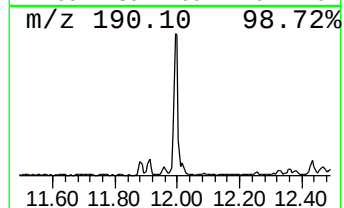
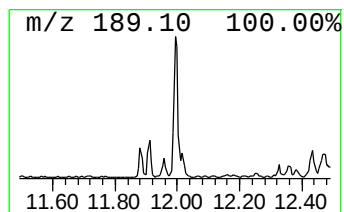
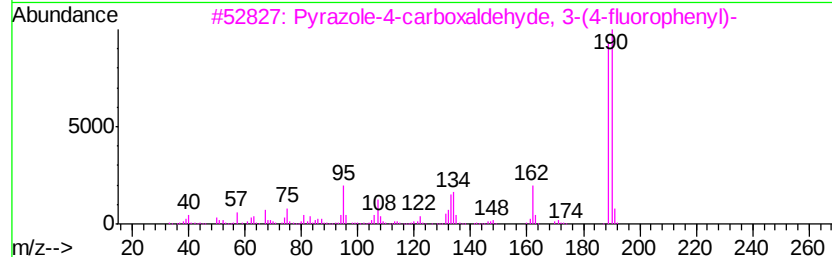
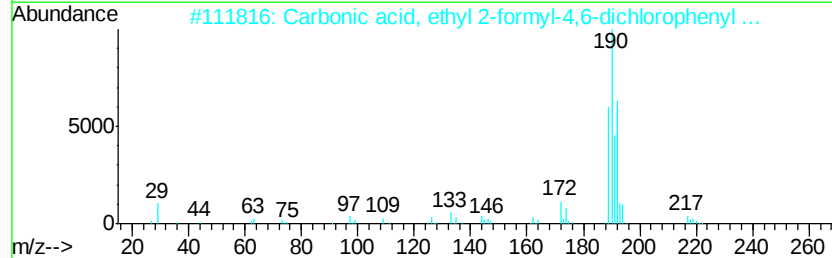
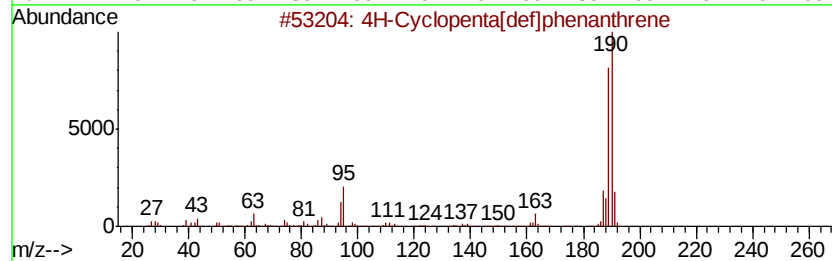
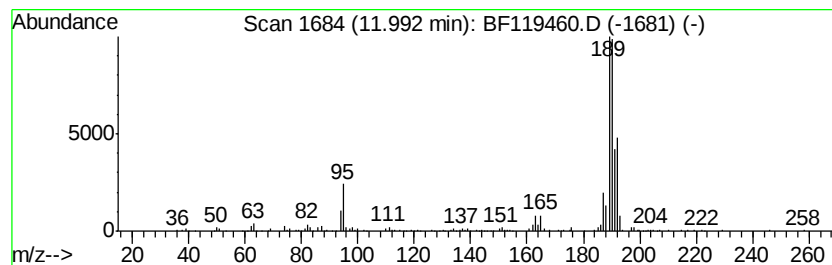
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.99	2.85 ng	316766	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Pvrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	4-Oxo-2-(4-fluorophenyl)-3,4-dih...	190	C10H7FN2O	076128-79-5	22



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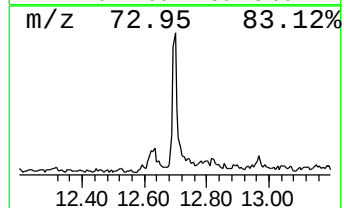
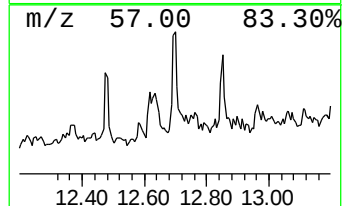
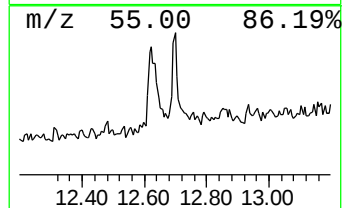
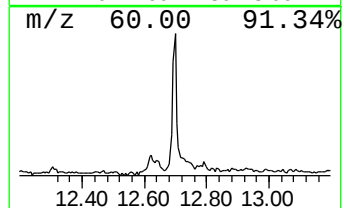
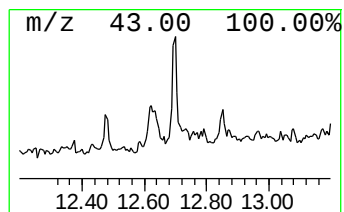
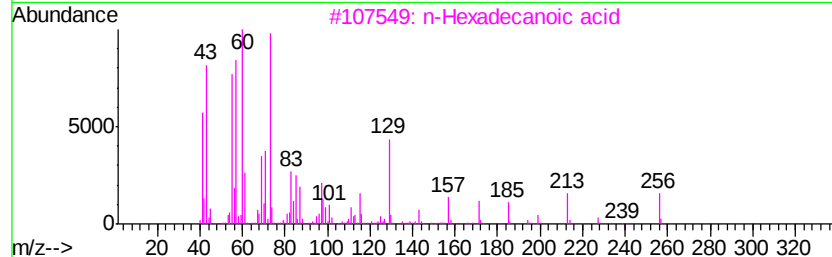
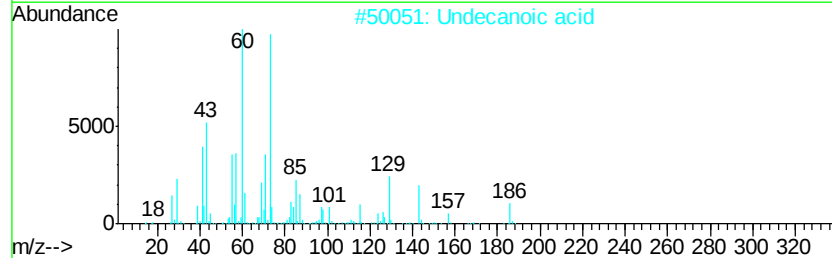
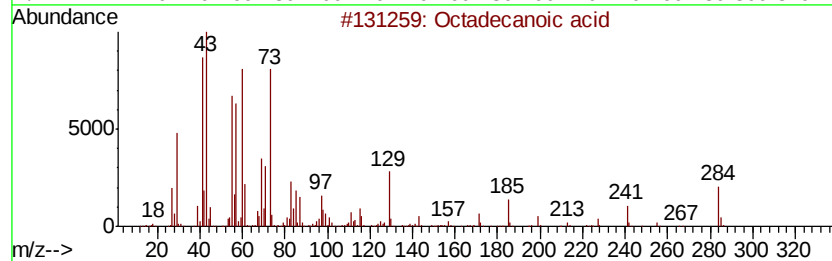
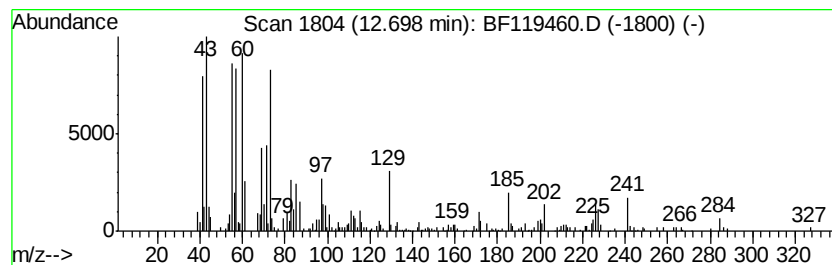
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.85 ng	315681	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Undecanoic acid	186	C11H22O2	000112-37-8	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	55



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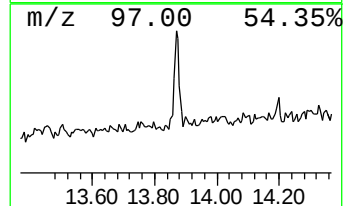
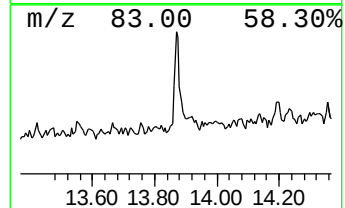
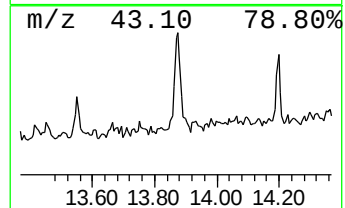
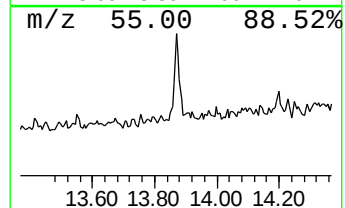
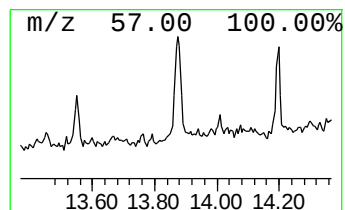
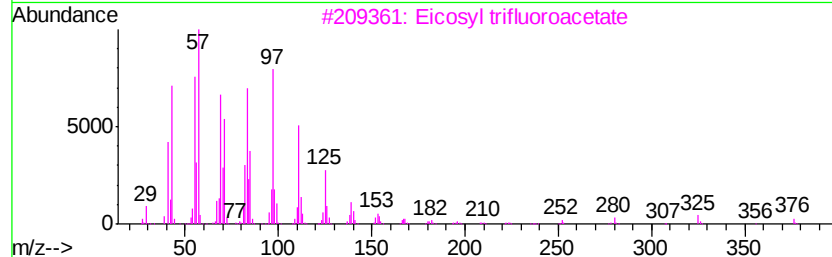
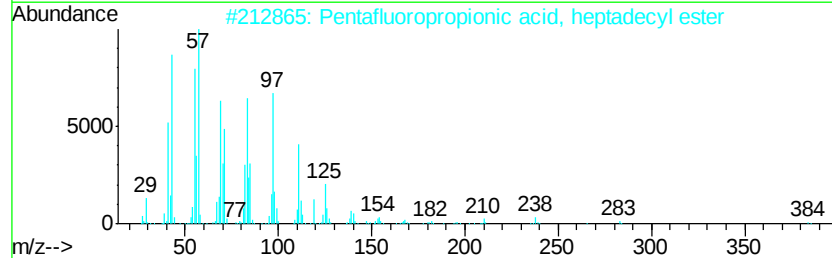
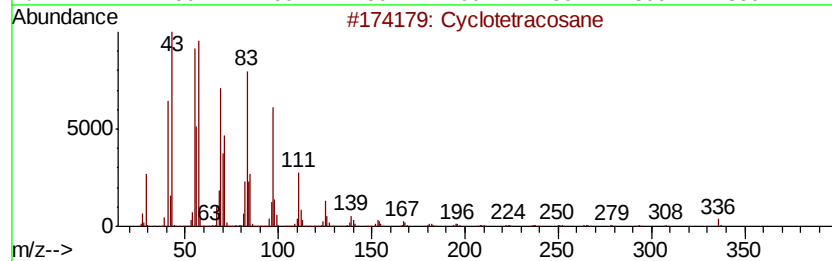
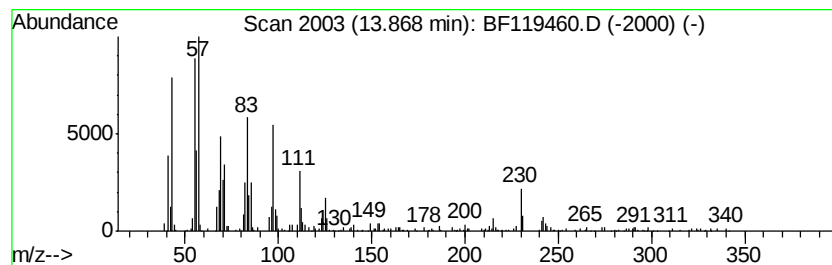
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ClientSampleId :
MK-031220-0-2-COMP-B4

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 Cyclotetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.55 ng	343998	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclotetracosane	336 C24H48	000297-03-0 87
2		Pentafluoropropionic acid, hepta...	402 C20H35F5O2	959218-78-1 83
3		Eicosyl trifluoroacetate	394 C22H41F3O2	1000351-75-2 81
4		Heptacosyl acetate	438 C29H58O2	1000351-78-2 81
5		Eicosyl pentafluoropropionate	444 C23H41F5O2	1000351-80-8 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119460.D
Acq On : 20 Mar 2020 1:46
Operator : CG/JU
Sample : L1913-14 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

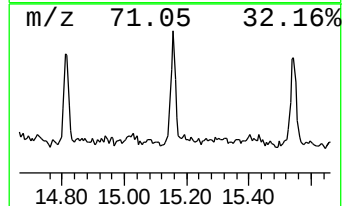
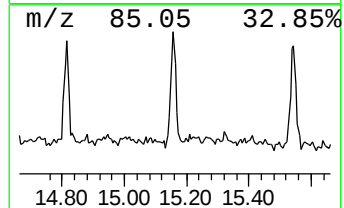
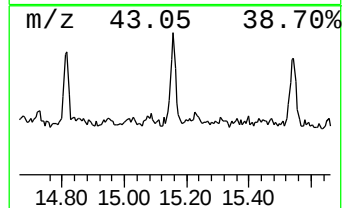
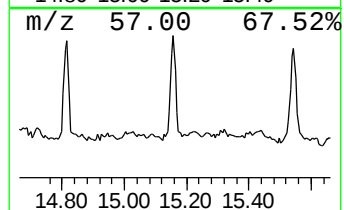
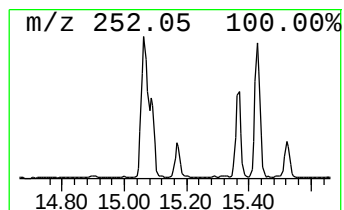
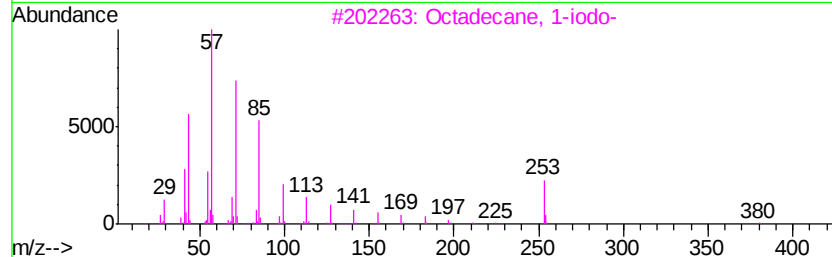
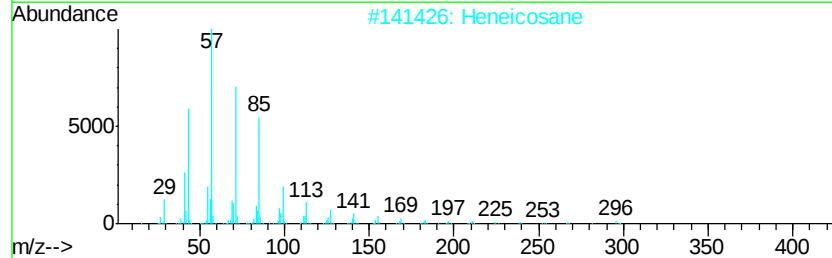
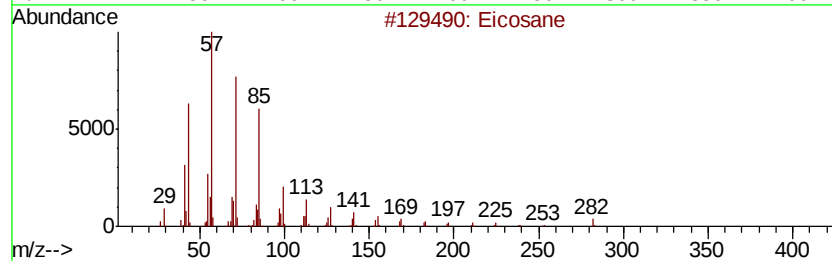
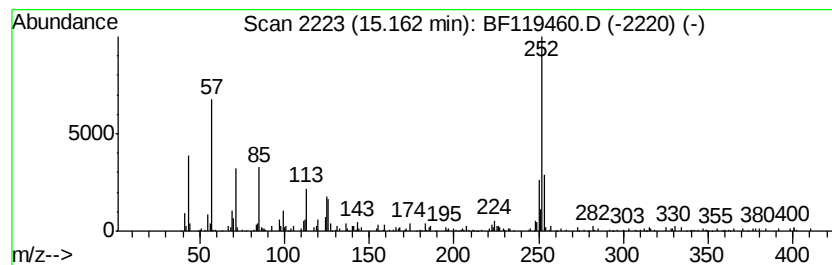
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ClientSampleId :
MK-031220-0-2-COMP-B4

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 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	5.66 ng	404046	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	89
2	Heneicosane	296 C21H44	000629-94-7	86
3	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	86
4	Eicosane, 2-methyl-	296 C21H44	001560-84-5	76
5	Docosane	310 C22H46	000629-97-0	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
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Operator : CG/JU
Sample : L1913-14 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

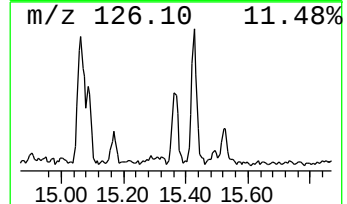
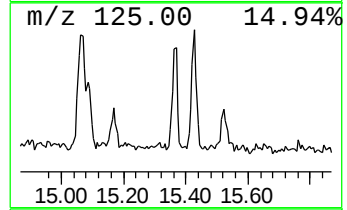
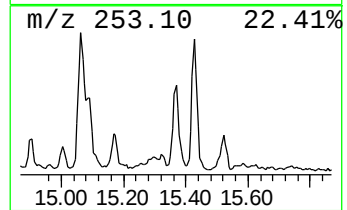
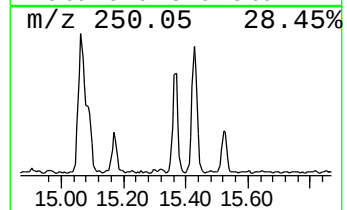
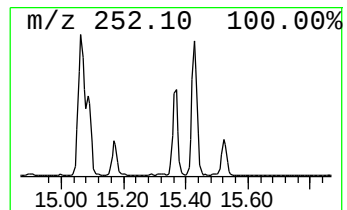
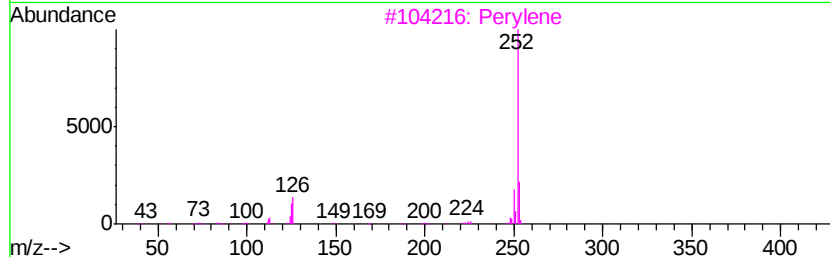
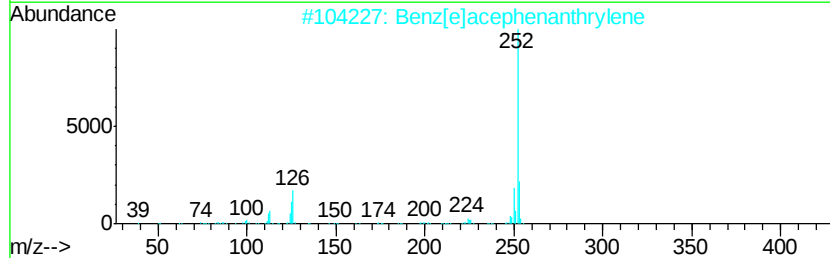
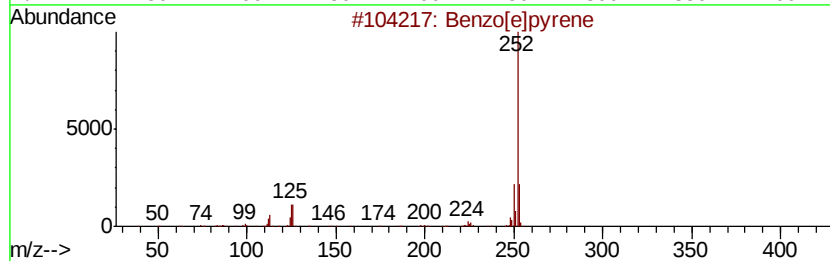
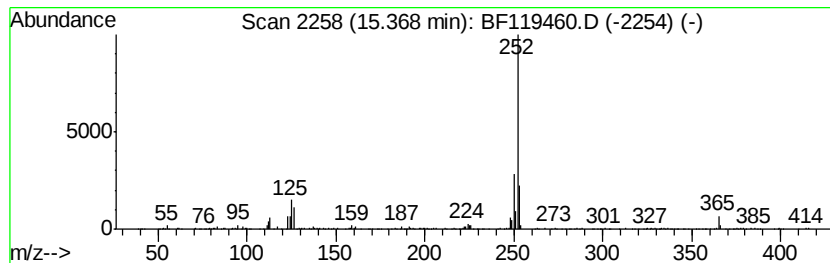
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ClientSampleId :
MK-031220-0-2-COMP-B4

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 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.37	5.96 ng	425573	Perylene-d12	15.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Pervlene	252	C20H12	000198-55-0	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
Data File : BF119460.D
Acq On : 20 Mar 2020 1:46
Operator : CG/JU
Sample : L1913-14 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MK-031220-0-2-COMP-B4

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
Phenanthrene, 3-m...	11.91	3.9	ng	436799	4	11.38	2219090	20.0
4H-Cyclopenta[def...	11.99	2.9	ng	316766	4	11.38	2219090	20.0
Octadecanoic acid	12.70	2.9	ng	315681	4	11.38	2219090	20.0
Cyclotetracosane	13.87	2.5	ng	343998	5	14.02	2698180	20.0
Eicosane	15.16	5.7	ng	404046	6	15.49	1428690	20.0
Benzo[e]pyrene	15.37	6.0	ng	425573	6	15.49	1428690	20.0