LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
Data File : BF119097.D
Acq On : 26 Feb 2020 16:24
Operator : CG/JU
Sample : L1675-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-FRONT-PARKING

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BF022020.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	4.969	487	490	499	rVB	32690	48589	1.12%	0.116%
2	5.375	555	559	575	rBV	3347052	3327379	76.96%	7.973%
3	6.392	727	732	735	rBV	3105874	3184494	73.66%	7.631%
4	6.745	788	792	800	rBV	1091380	926823	21.44%	2.221%
5	6.904	814	819	822	rBV	3147150	2964651	68.57%	7.104%
6	7.310	883	888	891	rBV	2292913	2148232	49.69%	5.148%
7	8.028	1006	1010	1013	rBV	1269881	1181727	27.33%	2.832%
8	9.104	1187	1193	1196	rBV	4547047	4323468	100.00%	10.360%
9	9.492	1256	1259	1264	rVB	271123	232274	5.37%	0.557%
10	9.639	1281	1284	1288	rBV	80739	73907	1.71%	0.177%
11	9.775	1301	1307	1311	rBV	1556080	1391123	32.18%	3.333%
12	9.810	1311	1313	1319	rVB	77616	65918	1.52%	0.158%
13	9.980	1339	1342	1346	rBV	47842	44637	1.03%	0.107%
14	10.322	1397	1400	1406	rBV	92733	85693	1.98%	0.205%
15	10.563	1437	1441	1445	rBV	2661242	2609362	60.35%	6.253%
16	10.692	1458	1463	1468	rVB4	45222	63674	1.47%	0.153%
17	10.869	1489	1493	1496	rBV3	35352	45797	1.06%	0.110%
18	11.157	1540	1542	1547	rVB	65334	65477	1.51%	0.157%
19	11.257	1555	1559	1561	rBV	1417513	1230836	28.47%	2.949%
20	11.280	1561	1563	1567	rVV	925621	756716	17.50%	1.813%
21	11.333	1567	1572	1575	rVB	232996	216105	5.00%	0.518%
22	11.492	1593	1599	1606	rBV2	63716	107355	2.48%	0.257%
23	11.592	1612	1616	1621	rVB4	36562	50678	1.17%	0.121%
24	11.757	1640	1644	1647	rBV	186596	186970	4.32%	0.448%
25	11.786	1647	1649	1654	rVV	385242	414183	9.58%	0.992%
26	11.833	1655	1657	1660	rVV	84781	87180	2.02%	0.209%
27	11.868	1660	1663	1666	rVV	286257	319023	7.38%	0.764%
28	11.892	1666	1667	1673	rVB	127234	96123	2.22%	0.230%
29	11.992	1682	1684	1688	rBV5	39017	46745	1.08%	0.112%
30	12.051	1690	1694	1697	rVV	105685	105210	2.43%	0.252%
31	12.086	1697	1700	1703	rVB	75955	73947	1.71%	0.177%
32	12.204	1714	1720	1723	rBV3	60750	77788	1.80%	0.186%
33	12.233	1723	1725	1728	rBV	54286	49724	1.15%	0.119%
34	12.310	1735	1738	1741	rBV	127144	120244	2.78%	0.288%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : COMP-FRONT-PARKING

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.345	1741	1744	1746	rVV2	77439	85619	1.98%	0.205%
36	12.398	1750	1753	1757	rBV2	84820	99618	2.30%	0.239%
37	12.468	1761	1765	1769	rBV	1406696	1293546	29.92%	3.100%
38	12.563	1778	1781	1786	rBV2	94693	127566	2.95%	0.306%
39	12.663	1795	1798	1799	rBV2	52553	46682	1.08%	0.112%
40	12.698	1799	1804	1807	rVV	1239707	1236337	28.60%	2.963%
41	12.751	1810	1813	1818	rVB2	58146	75873	1.75%	0.182%
42	12.839	1821	1828	1835	rBV	3538050	3403718	78.73%	8.156%
43	12.915	1837	1841	1845	rBV3	96852	148559	3.44%	0.356%
44	13.004	1853	1856	1857	rBV3	82994	83712	1.94%	0.201%
45	13.027	1857	1860	1863	rVB	189056	194699	4.50%	0.467%
46	13.092	1869	1871	1874	rVB	118644	90043	2.08%	0.216%
47	13.133	1874	1878	1880	rBV2	131496	141149	3.26%	0.338%
48	13.221	1890	1893	1896	rBV	106207	92975	2.15%	0.223%
49	13.539	1944	1947	1950	rVB	92207	89892	2.08%	0.215%
50	13.645	1962	1965	1967	rBV	106050	94860	2.19%	0.227%
51	13.668	1967	1969	1972	rVV	79055	64439	1.49%	0.154%
52	13.698	1972	1974	1978	rVV2	67617	94053	2.18%	0.225%
53	13.739	1978	1981	1986	rVB3	260224	356436	8.24%	0.854%
54	13.892	2000	2007	2010	rBV2	1136153	1640515	37.94%	3.931%
55	13.921	2010	2012	2015	rVB	569722	436343	10.09%	1.046%
56	13.998	2023	2025	2028	rVB	93625	75171	1.74%	0.180%
57	14.057	2031	2035	2039	rBV4	59287	112993	2.61%	0.271%
58	14.280	2071	2073	2076	rVB	123968	106772	2.47%	0.256%
59	14.315	2077	2079	2083	rVB2	62989	49264	1.14%	0.118%
60	14.368	2085	2088	2092	rBV3	86385	135139	3.13%	0.324%
61	14.404	2092	2094	2096	rBV	73677	66990	1.55%	0.161%
62	14.662	2135	2138	2140	rBV3	75286	82466	1.91%	0.198%
63	14.915	2177	2181	2188	rBV	618317	1082931	25.05%	2.595%
64	14.974	2189	2191	2195	rVV2	112270	155673	3.60%	0.373%
65	15.021	2196	2199	2202	rVB	127283	138693	3.21%	0.332%
66	15.204	2226	2230	2236	rVB	354657	433789	10.03%	1.039%
67	15.262	2236	2240	2245	rBV	584433	683727	15.81%	1.638%
68	15.321	2246	2250	2254	rBV	803496	1068789	24.72%	2.561%
69	16.721	2483	2488	2495	rBV	263507	490357	11.34%	1.175%
70	17.145	2555	2560	2569	rVB	205965	431259	9.97%	1.033%

LSC Area Percent Report

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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 41732699

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
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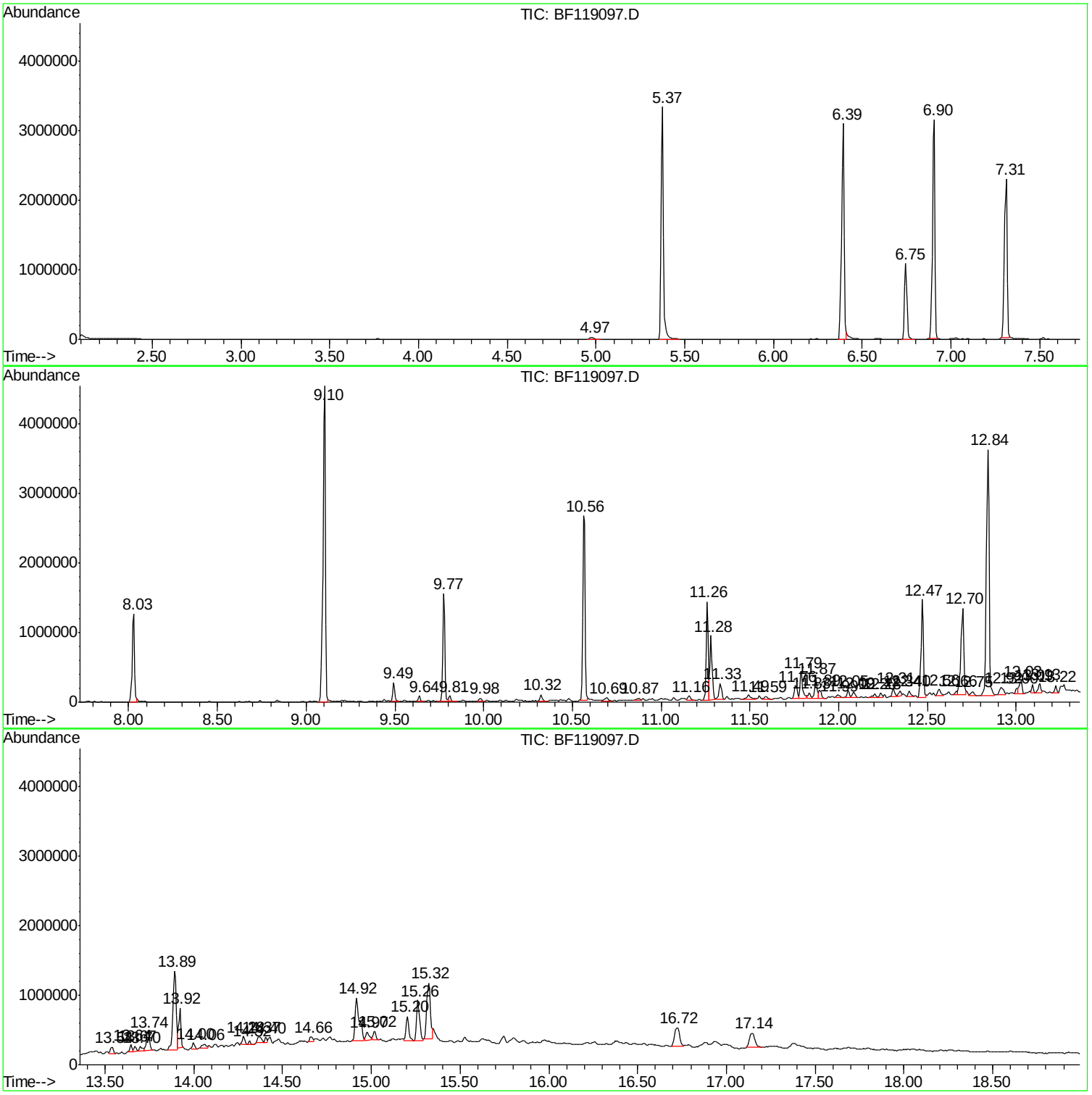
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-FRONT-PARKING

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

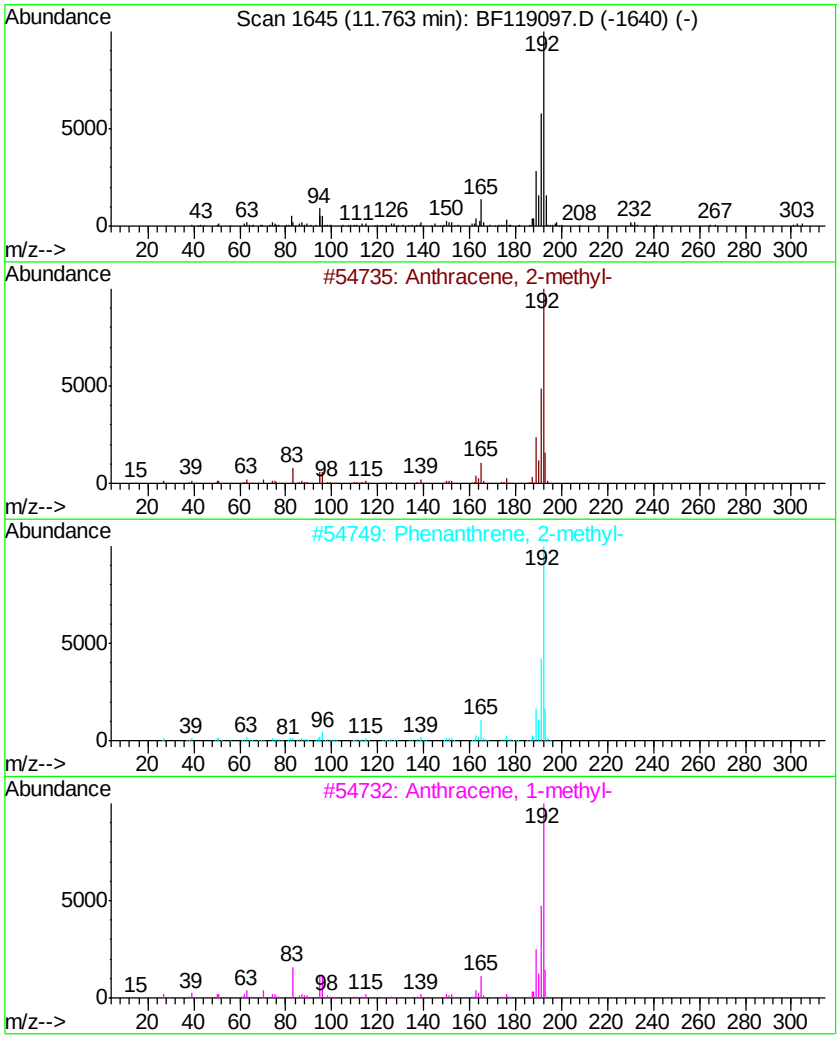
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

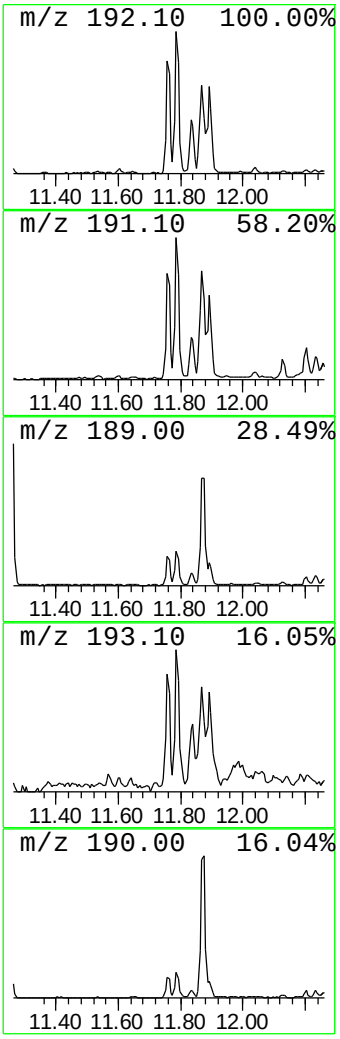
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.04 ng	186970	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
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Operator : CG/JU
Sample : L1675-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-FRONT-PARKING

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

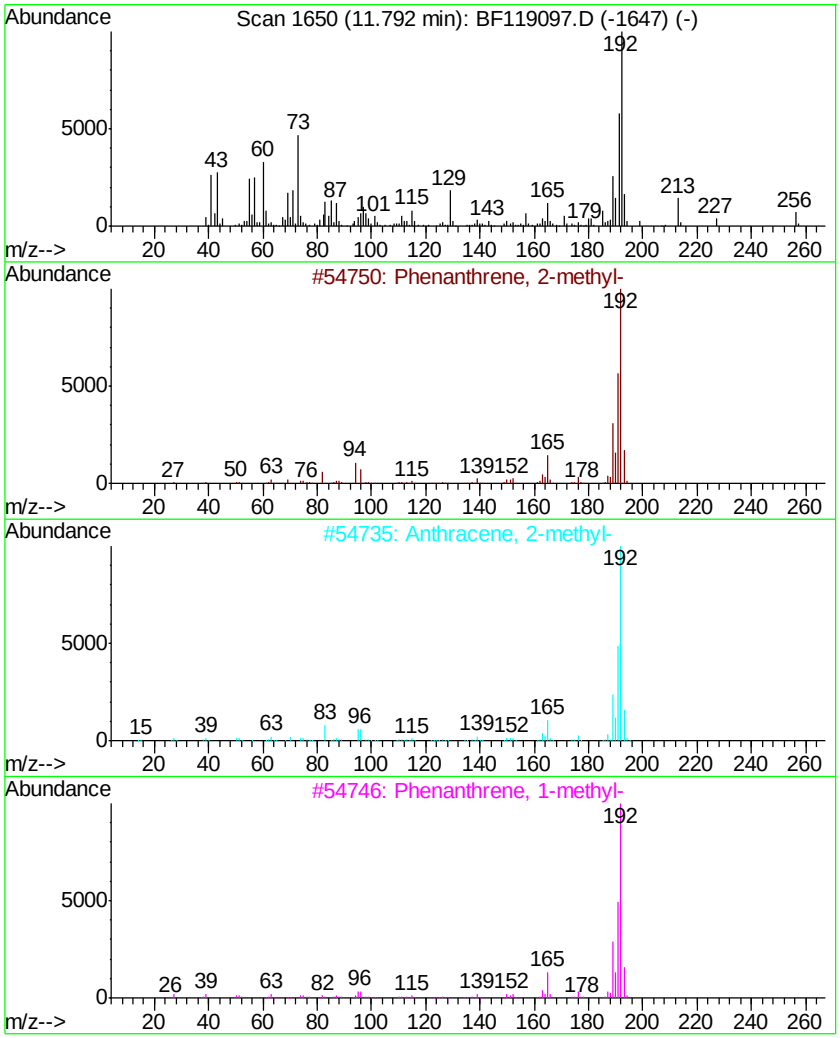
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

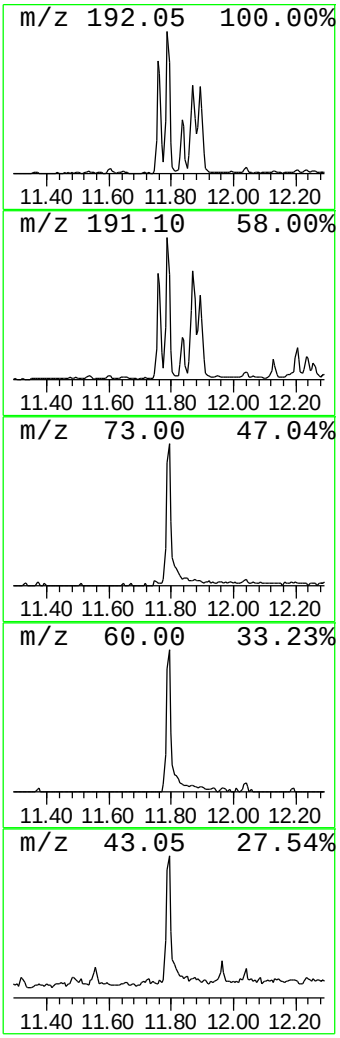
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.73 ng	414183	Phenanthrene-d10	11.26

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
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Acq On : 26 Feb 2020 16:24
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Sample : L1675-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-FRONT-PARKING

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

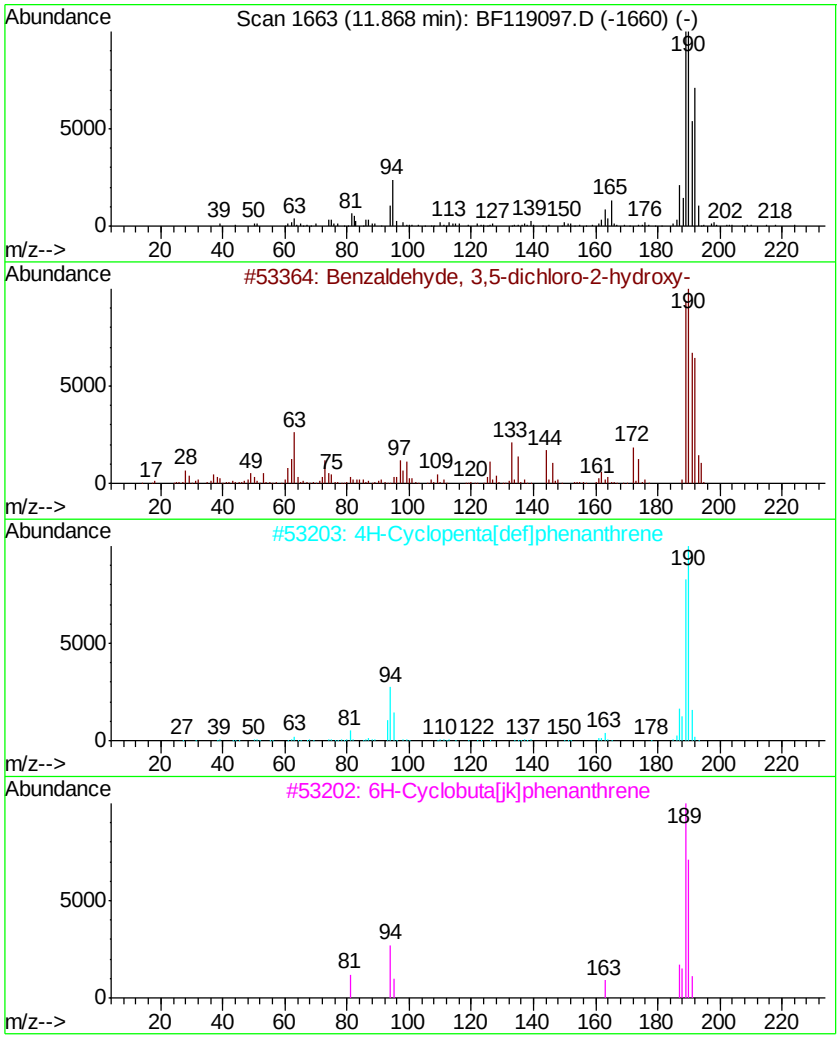
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

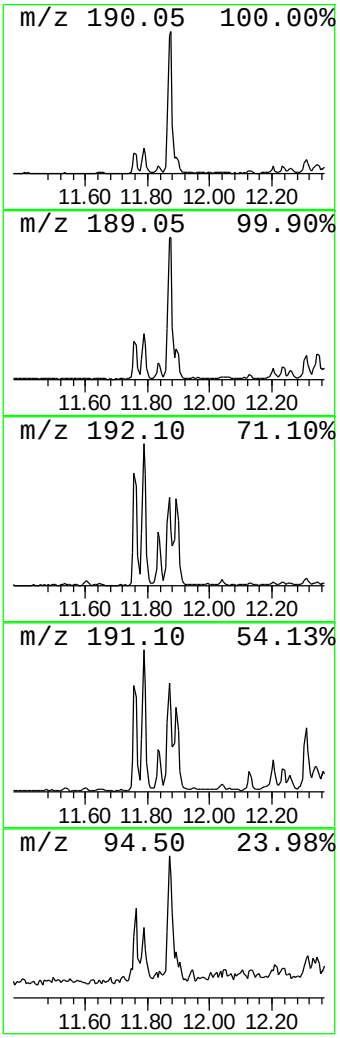
****

Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.18 ng	319023	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22





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

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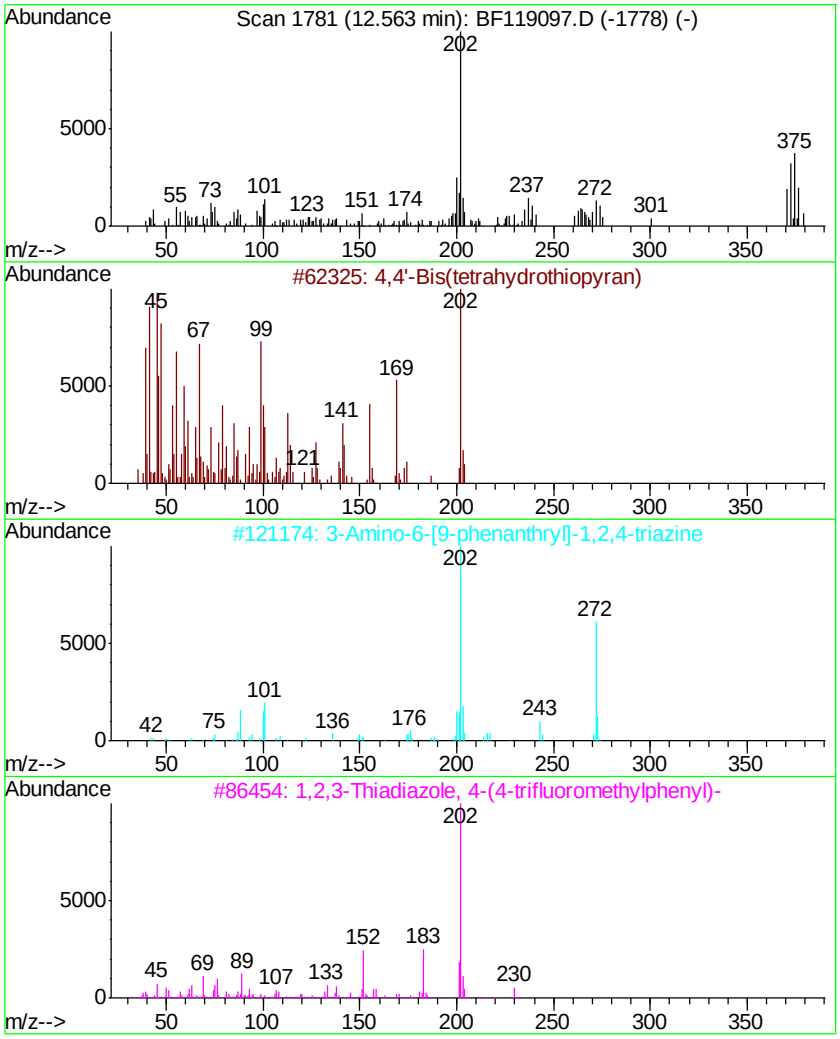
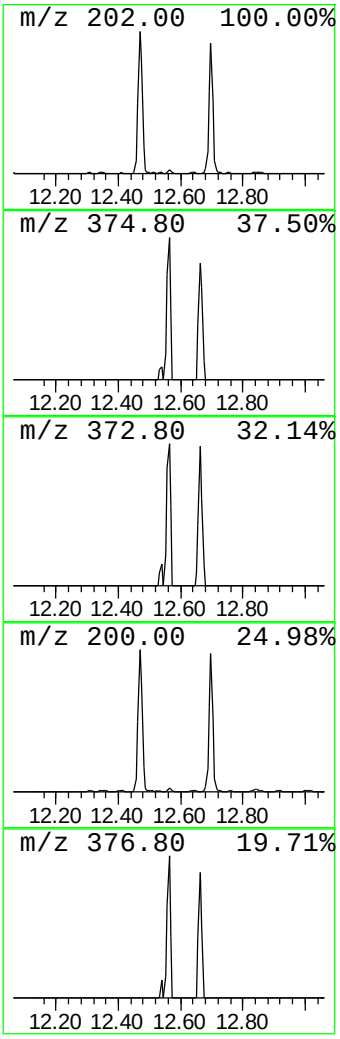
Peak Number 5 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	2.07 ng	127566	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	93
2	3-Amino-6-[9-phenanthryl]-1,2,4-...	272	C17H12N4	1000254-19-1	35
3	1,2,3-Thiadiazole, 4-(4-trifluor...	230	C9H5F3N2S	253122-65-5	30
4	Furan-2-one, 2,5-dihydro-5-(4-me...	202	C12H10O3	024962-84-3	27
5	1H-Indole-3-acetic acid, 1-(trim...	275	C15H21NO2Si	074367-38-7	27





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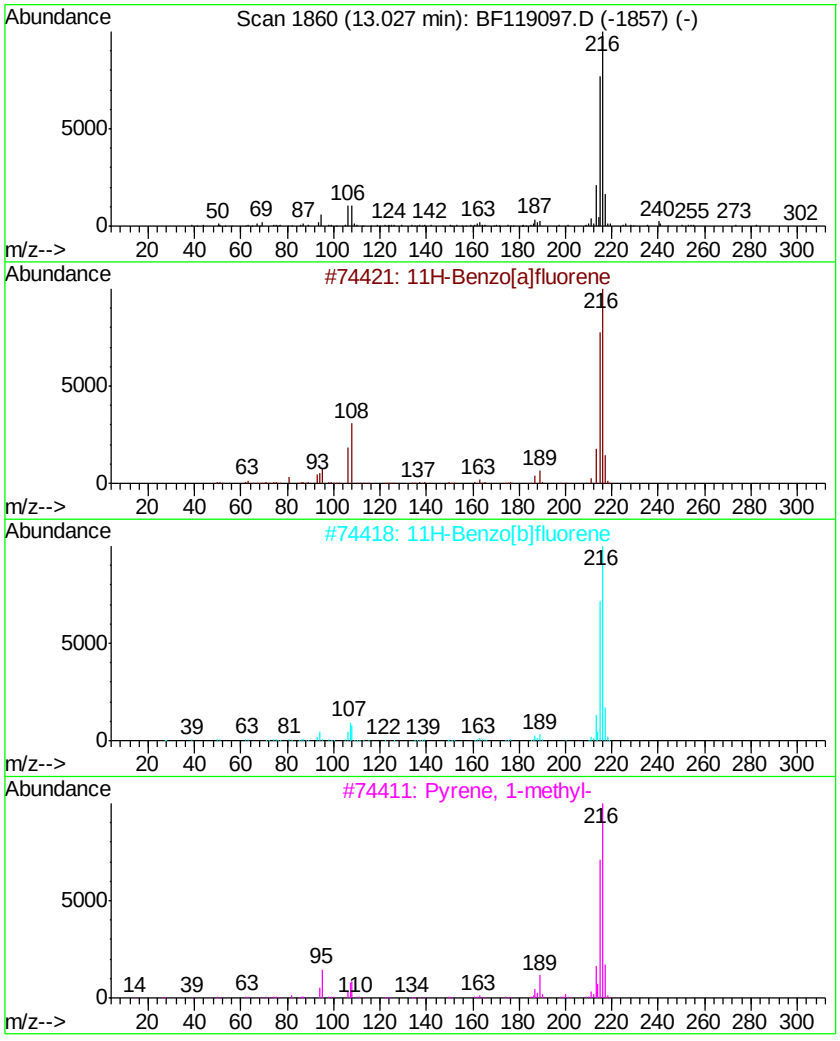
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

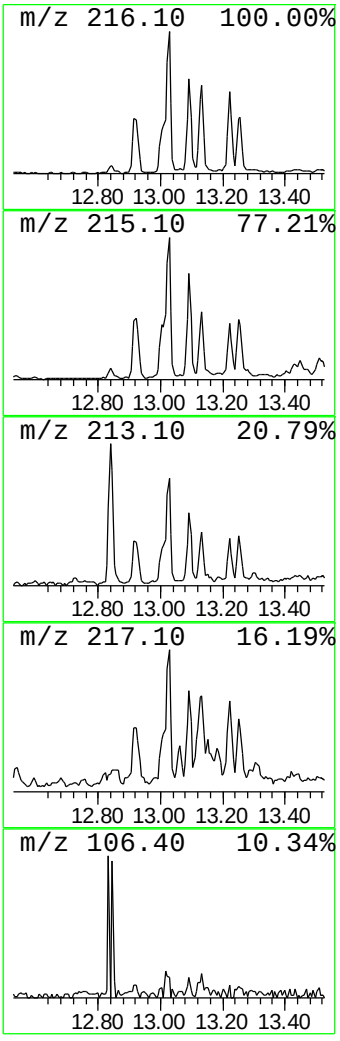
****

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.37 ng	194699	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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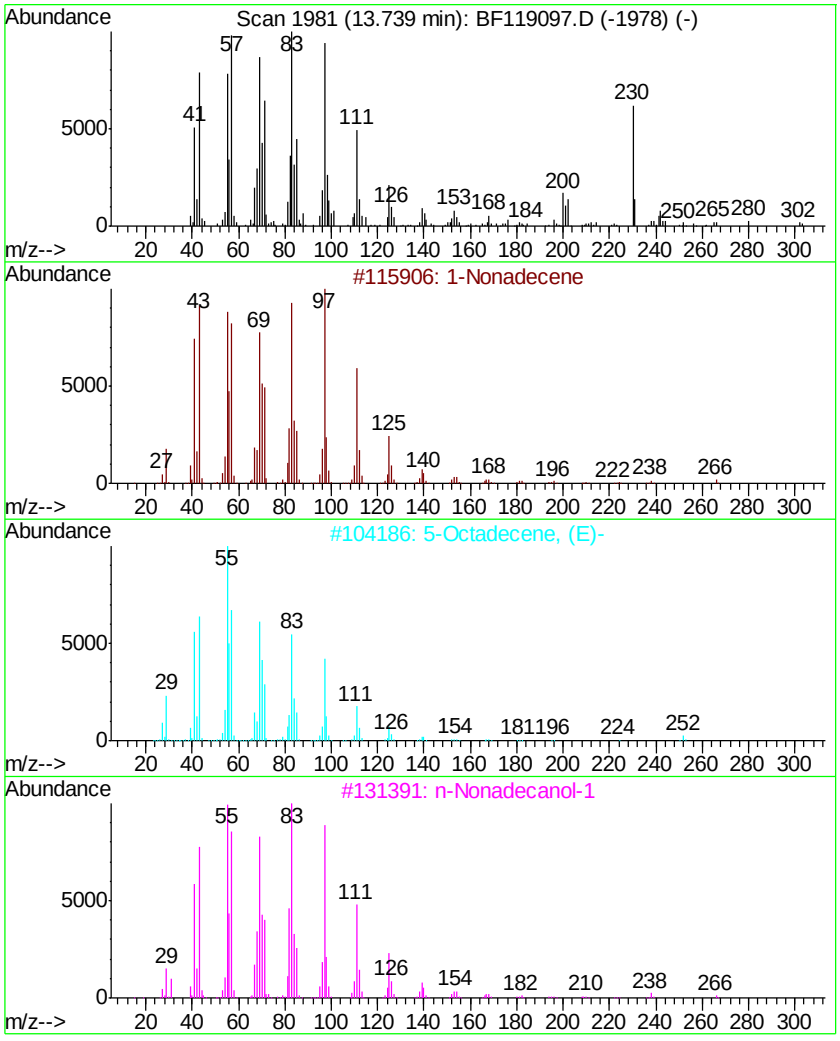
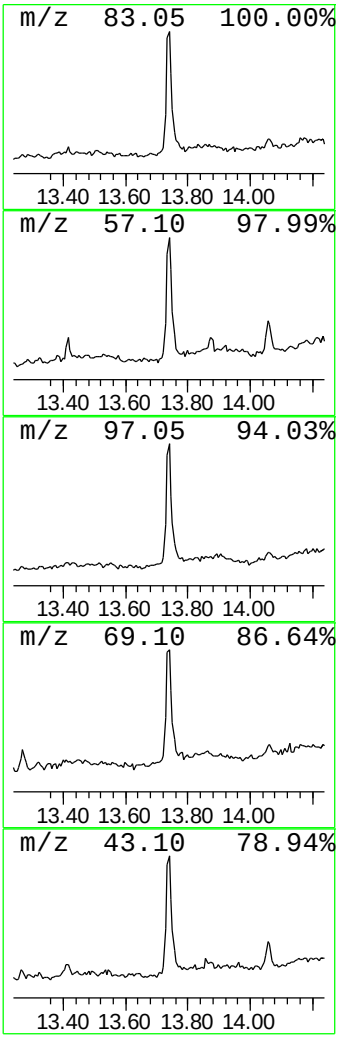
Peak Number 7 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	4.35 ng	356436	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93





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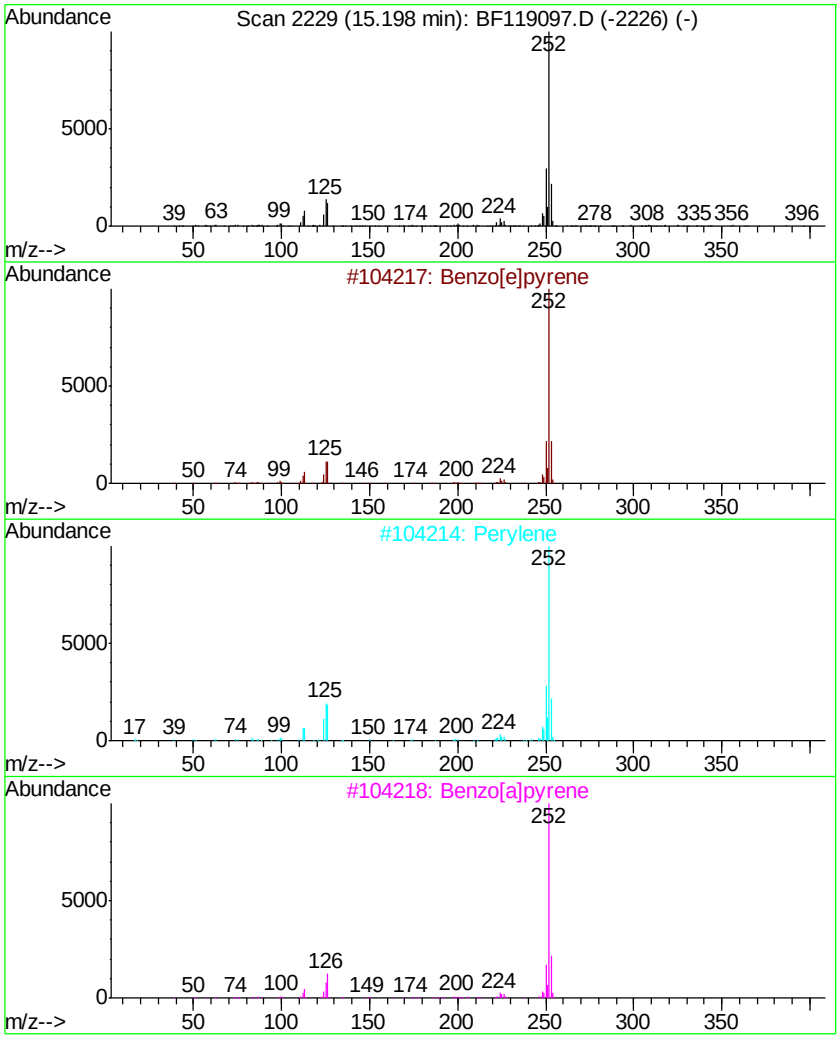
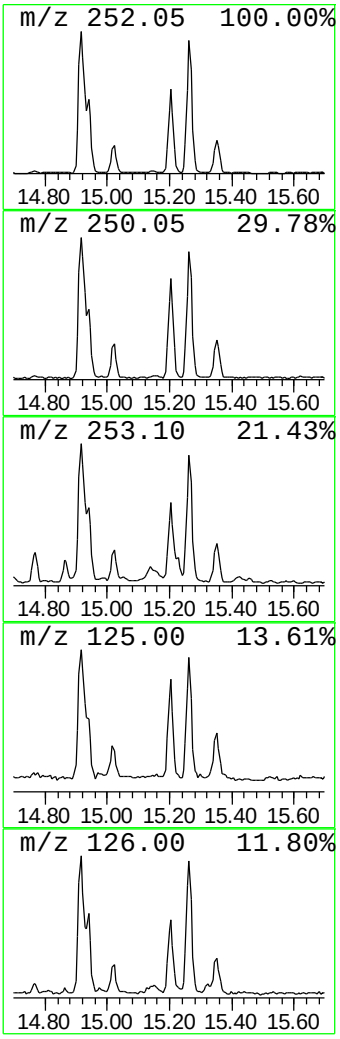
Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	8.12 ng	433789	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022620\
Data File : BF119097.D
Acq On : 26 Feb 2020 16:24
Operator : CG/JU
Sample : L1675-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-FRONT-PARKING

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 2-met...	11.76	3.0	ng	186970	4	11.26	1230840	20.0
Phenanthrene, 2-m...	11.79	6.7	ng	414183	4	11.26	1230840	20.0
Benzaldehyde, 3,5...	11.87	5.2	ng	319023	4	11.26	1230840	20.0
4,4'-Bis(tetrahyd...	12.56	2.1	ng	127566	4	11.26	1230840	20.0
11H-Benzo[a]fluorene	13.03	2.4	ng	194699	5	13.90	1640520	20.0
1-Nonadecene	13.74	4.3	ng	356436	5	13.90	1640520	20.0
Benzo[e]pyrene	15.20	8.1	ng	433789	6	15.32	1068790	20.0