LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122348.D
Acq On : 17 Nov 2020 16:18
Operator : JU/CG
Sample : L4723-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-59

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122348.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	5	10	23	rVB	804078	1026795	20.86%	1.930%
2	5.475	571	576	579	rBV	5141666	4771160	96.94%	8.968%
3	6.481	742	747	750	rBV	4916754	4921937	100.00%	9.251%
4	6.687	779	782	789	rBV	156102	142039	2.89%	0.267%
5	6.863	809	812	816	rBV	2078574	1583251	32.17%	2.976%
6	7.422	902	907	910	rBV	3288589	3107729	63.14%	5.841%
7	8.151	1027	1031	1034	rBV	2188730	2022105	41.08%	3.801%
8	9.228	1209	1214	1217	rBV	4930963	4570257	92.85%	8.590%
9	9.616	1277	1280	1288	rVB	1196379	971760	19.74%	1.826%
10	9.904	1325	1329	1333	rBV	2817298	2349621	47.74%	4.416%
11	10.410	1411	1415	1419	rBV	140542	114781	2.33%	0.216%
12	10.692	1458	1463	1466	rBV	3876614	3757790	76.35%	7.063%
13	10.816	1481	1484	1491	rVB3	42481	71203	1.45%	0.134%
14	11.286	1562	1564	1571	rVB2	63477	72818	1.48%	0.137%
15	11.386	1577	1581	1584	rBV	2732596	2632639	53.49%	4.948%
16	11.410	1584	1585	1588	rVV	839526	533148	10.83%	1.002%
17	11.463	1592	1594	1597	rVB	96333	81768	1.66%	0.154%
18	11.616	1616	1620	1622	rBV	65187	71807	1.46%	0.135%
19	11.892	1663	1667	1669	rBV	138728	146657	2.98%	0.276%
20	11.916	1669	1671	1675	rVV	546331	546362	11.10%	1.027%
21	11.951	1675	1677	1682	rVV2	163883	187056	3.80%	0.352%
22	11.998	1682	1685	1688	rVV2	209431	255043	5.18%	0.479%
23	12.021	1688	1689	1695	rVB	125185	94267	1.92%	0.177%
24	12.186	1714	1717	1718	rBV2	83875	69526	1.41%	0.131%
25	12.204	1718	1720	1725	rVB2	115249	116654	2.37%	0.219%
26	12.374	1745	1749	1754	rVB2	159740	198458	4.03%	0.373%
27	12.439	1756	1760	1763	rVV2	130794	136882	2.78%	0.257%
28	12.474	1763	1766	1768	rVV2	69020	86487	1.76%	0.163%
29	12.521	1771	1774	1778	rVV2	93801	93116	1.89%	0.175%
30	12.563	1778	1781	1784	rVB	74840	61412	1.25%	0.115%
31	12.598	1784	1787	1791	rBV	1411818	1166621	23.70%	2.193%
32	12.704	1801	1805	1807	rBV2	74024	104427	2.12%	0.196%
33	12.827	1820	1826	1829	rBV	1335557	1237180	25.14%	2.325%
34	12.880	1832	1835	1839	rVB2	54851	77924	1.58%	0.146%
35	12.974	1847	1851	1858	rVB	5648626	4910852	99.77%	9.230%
36	13.051	1858	1864	1867	rBV2	100560	148339	3.01%	0.279%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122348.D
Acq On : 17 Nov 2020 16:18
Operator : JU/CG
Sample : L4723-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-59

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.133	1875	1878	1879	rBV3	80188	81579	1.66%	0.153%
38	13.157	1879	1882	1885	rVB	175102	178247	3.62%	0.335%
39	13.221	1885	1893	1896	rBV2	123716	175787	3.57%	0.330%
40	13.263	1896	1900	1903	rBV2	134623	136001	2.76%	0.256%
41	13.351	1912	1915	1918	rVV	96093	79220	1.61%	0.149%
42	13.380	1918	1920	1924	rVB	89711	84848	1.72%	0.159%
43	13.657	1965	1967	1972	rVB	104967	121022	2.46%	0.227%
44	13.774	1982	1987	1990	rBV3	124692	167232	3.40%	0.314%
45	13.804	1990	1992	1994	rVV	103862	84351	1.71%	0.159%
46	13.827	1994	1996	2000	rVV2	81086	90330	1.84%	0.170%
47	13.874	2000	2004	2014	rVV3	550711	814883	16.56%	1.532%
48	14.027	2025	2030	2032	rBV2	2864525	3005315	61.06%	5.649%
49	14.051	2032	2034	2040	rVB	638038	538045	10.93%	1.011%
50	14.280	2071	2073	2080	rVB7	53734	66193	1.34%	0.124%
51	14.410	2091	2095	2099	rBV	102601	120271	2.44%	0.226%
52	14.445	2099	2101	2104	rVB2	96087	82693	1.68%	0.155%
53	14.504	2109	2111	2114	rBV3	82486	80185	1.63%	0.151%
54	14.810	2159	2163	2166	rBV3	57644	76883	1.56%	0.145%
55	15.068	2202	2207	2210	rBV	448075	717461	14.58%	1.349%
56	15.168	2218	2224	2228	rBV3	67492	137184	2.79%	0.258%
57	15.268	2237	2241	2246	rBV5	33049	69711	1.42%	0.131%
58	15.368	2254	2258	2264	rVB	291636	357191	7.26%	0.671%
59	15.427	2264	2268	2274	rBV	341975	423018	8.59%	0.795%
60	15.498	2274	2280	2284	rVV	1717314	2162353	43.93%	4.064%
61	15.527	2284	2285	2292	rVB3	124534	169400	3.44%	0.318%
62	15.980	2358	2362	2367	rBV3	57055	88513	1.80%	0.166%
63	16.492	2445	2449	2452	rBV5	39675	65964	1.34%	0.124%
64	16.951	2521	2527	2536	rVB2	155344	310117	6.30%	0.583%
65	17.386	2595	2601	2614	rVB	132250	280383	5.70%	0.527%

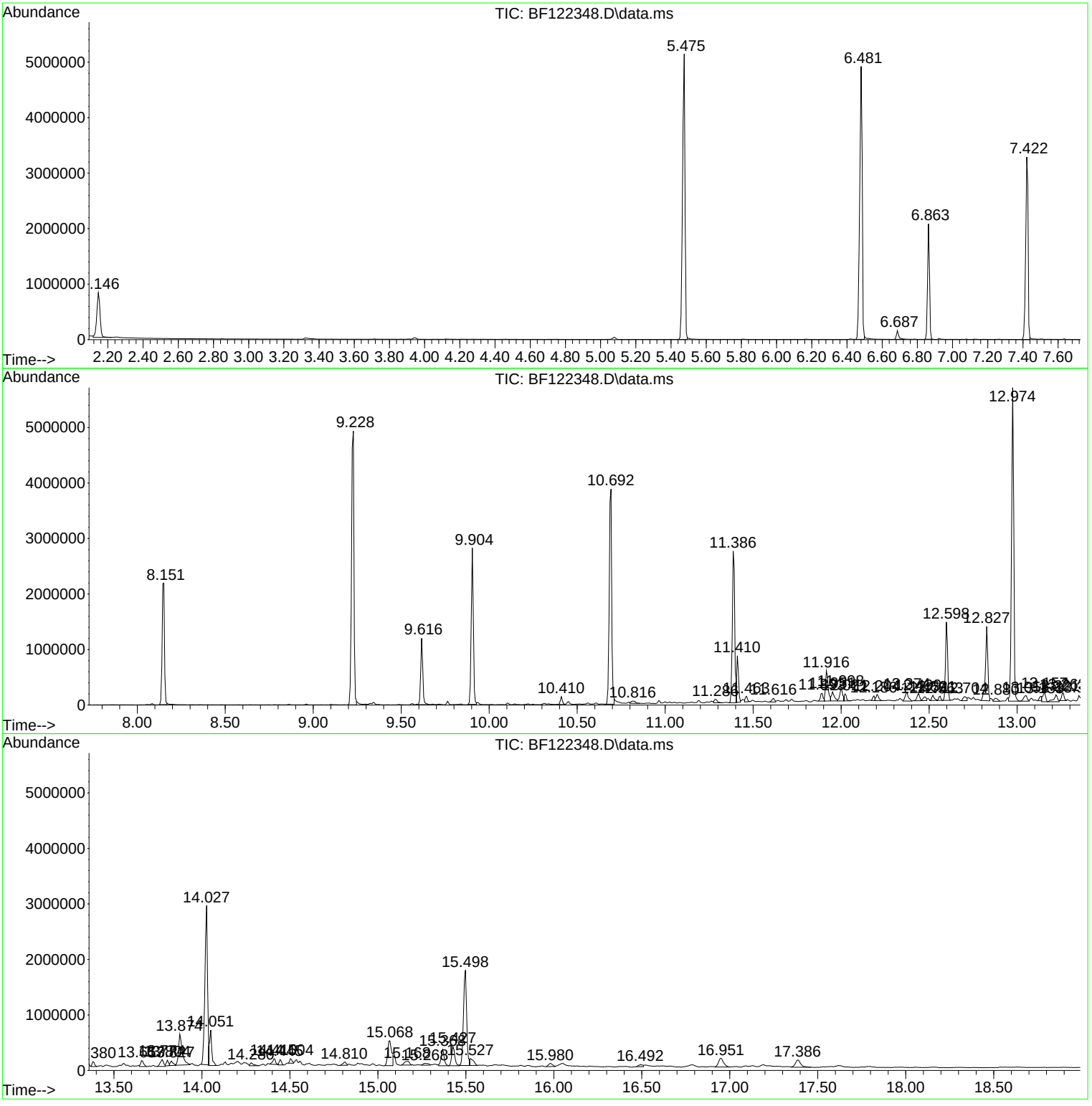
Sum of corrected areas: 53204251

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122348.D
Acq On : 17 Nov 2020 16:18
Operator : JU/CG
Sample : L4723-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122348.D
Acq On : 17 Nov 2020 16:18
Operator : JU/CG
Sample : L4723-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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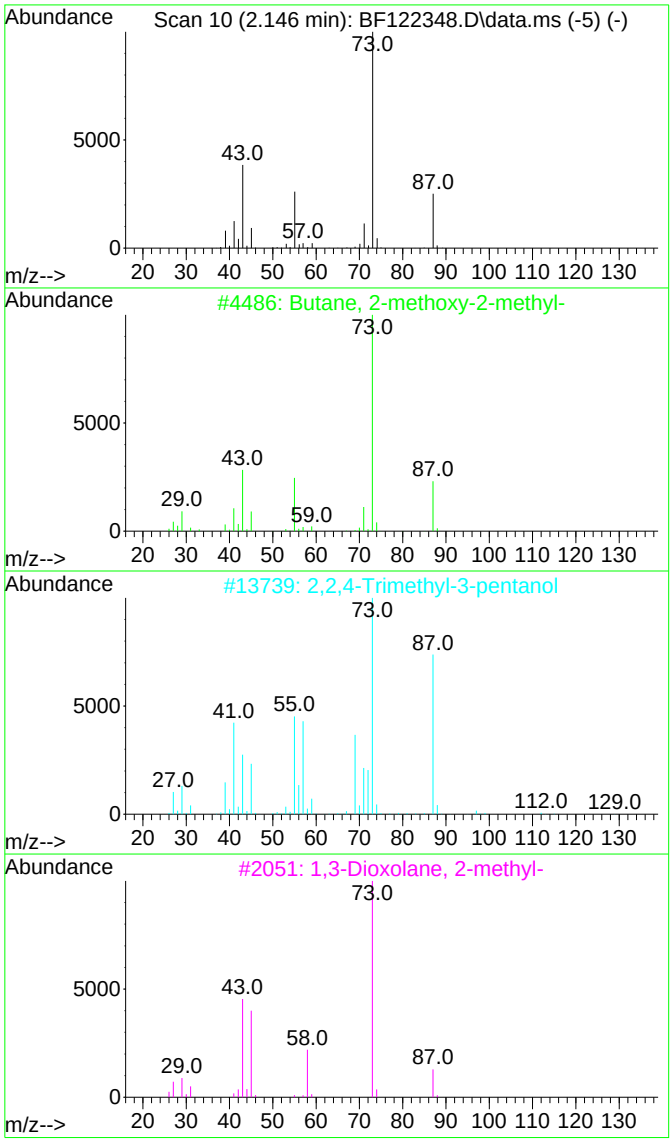
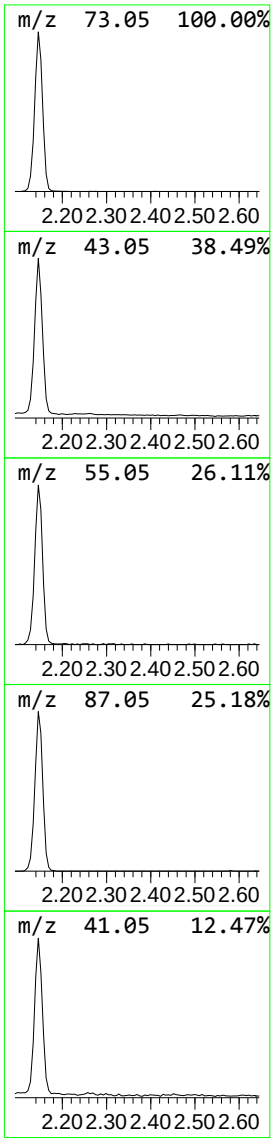
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	12.97 ng	1026800	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122348.D
Acq On : 17 Nov 2020 16:18
Operator : JU/CG
Sample : L4723-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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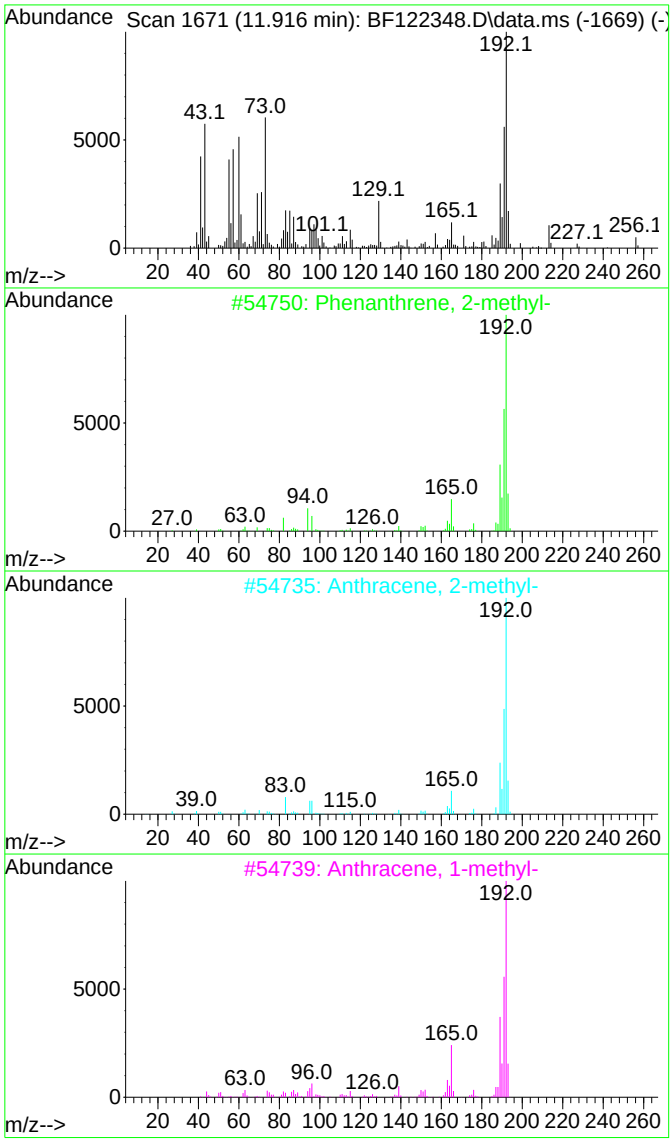
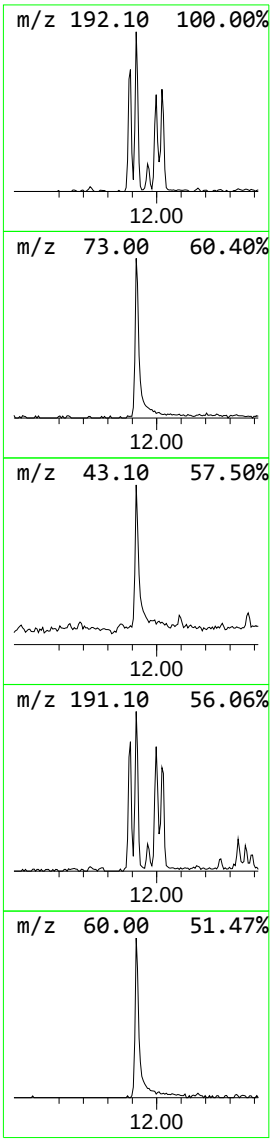
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	4.15 ng	546362	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122348.D
Acq On : 17 Nov 2020 16:18
Operator : JU/CG
Sample : L4723-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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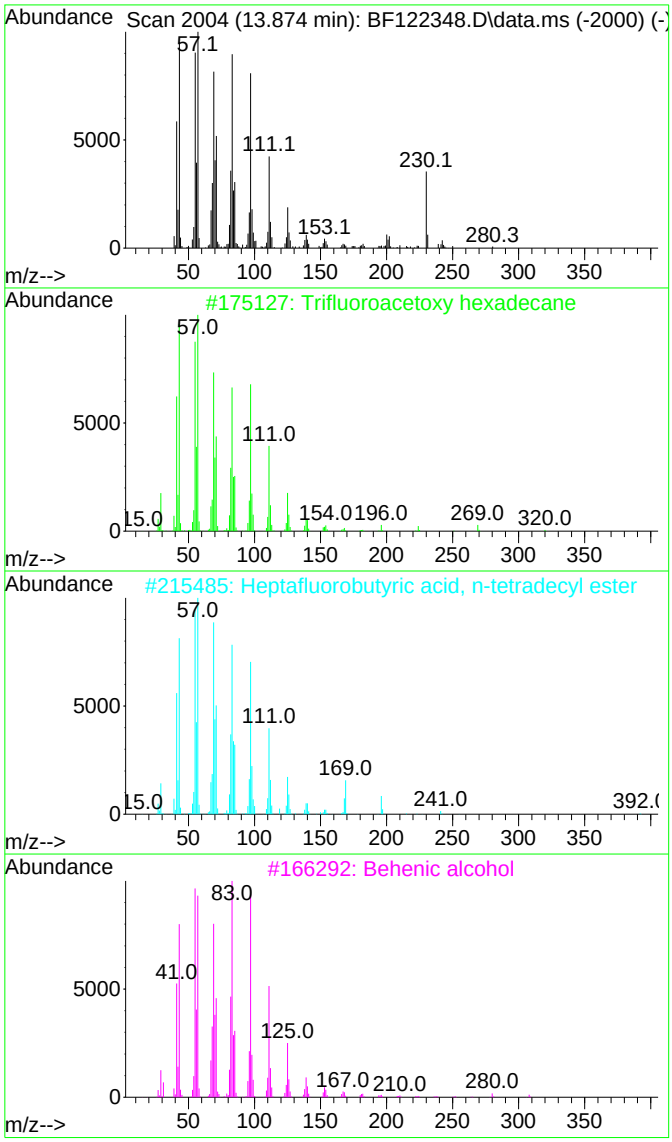
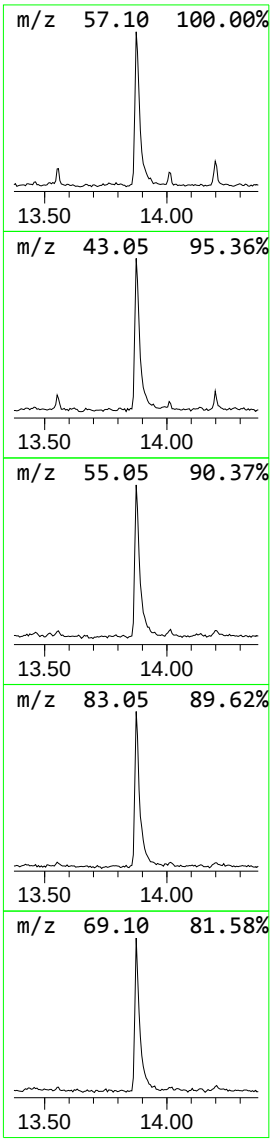
Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	5.42 ng	814883	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122348.D
Acq On : 17 Nov 2020 16:18
Operator : JU/CG
Sample : L4723-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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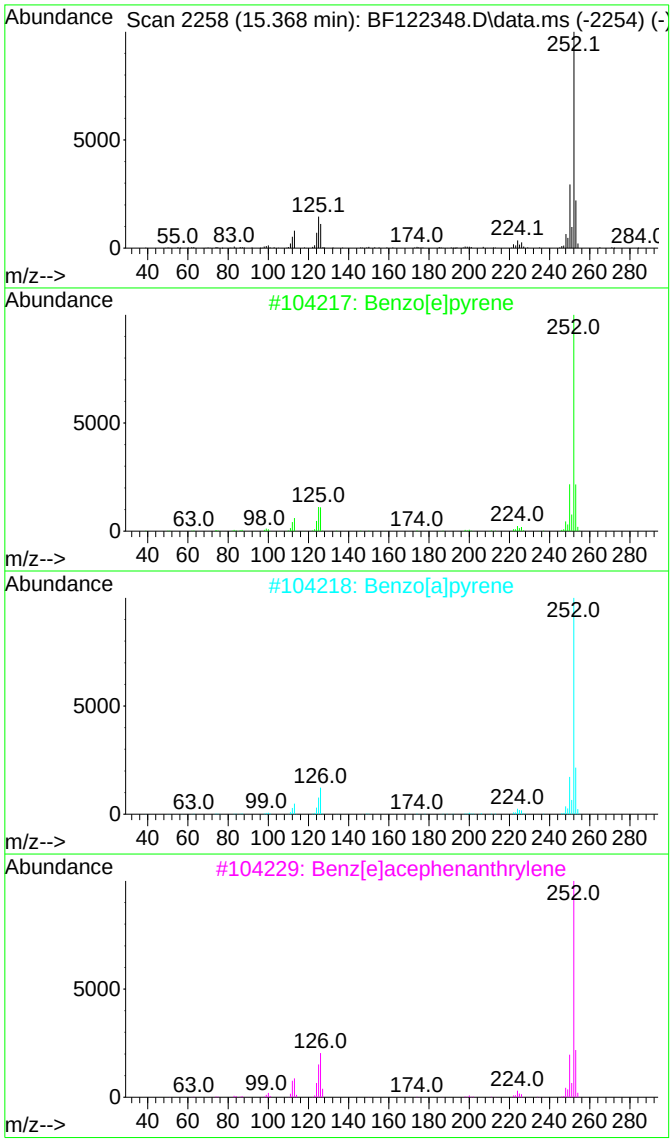
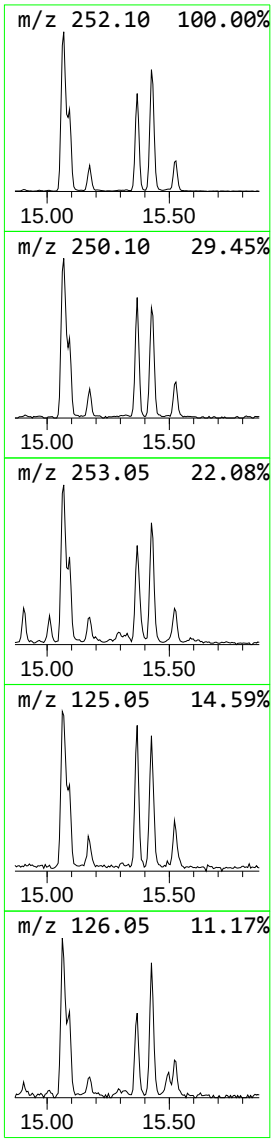
Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	3.30 ng	357191	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122348.D
Acq On : 17 Nov 2020 16:18
Operator : JU/CG
Sample : L4723-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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
Butane, 2-metho...	2.146	13.0	ng	1026800	1	6.863	1583250	20.0
Phenanthrene, 2...	11.916	4.2	ng	546362	4	11.386	2632640	20.0
Trifluoroacetox...	13.874	5.4	ng	814883	5	14.027	3005320	20.0
Benzo[e]pyrene	15.368	3.3	ng	357191	6	15.498	2162350	20.0