Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122350.D
Acq On   : 17 Nov 2020 17:20
Operator : JU/CG
Sample   : L4725-04
Misc   :
ALS Vial : 13   Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-34

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: BF122350.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.158	7	12	26	rVB	884235	1207325	20.70%	2.222%
2	3.334	208	212	226	rBV2	30523	70672	1.21%	0.130%
3	5.087	499	510	515	rBV	45227	65519	1.12%	0.121%
4	5.475	571	576	580	rBV	5252314	5615789	96.27%	10.337%
5	6.487	742	748	751	rBV	5289648	5833285	100.00%	10.738%
6	6.687	779	782	788	rBV	181185	156636	2.69%	0.288%
7	6.863	809	812	816	rBV	2074485	1609449	27.59%	2.963%
8	7.428	902	908	911	rBV	3755657	3678852	63.07%	6.772%
9	8.151	1026	1031	1034	rBV	2345735	2085960	35.76%	3.840%
10	9.228	1209	1214	1217	rBV	5968144	5263977	90.24%	9.690%
11	9.616	1276	1280	1288	rVB	1384892	1159362	19.87%	2.134%
12	9.904	1325	1329	1333	rBV	2871547	2380046	40.80%	4.381%
13	10.692	1458	1463	1466	rBV	4603456	4318243	74.03%	7.949%
14	10.963	1506	1509	1512	rBV	69624	63236	1.08%	0.116%
15	11.386	1577	1581	1584	rBV	2726323	2563565	43.95%	4.719%
16	11.410	1584	1585	1588	rVV	715704	448833	7.69%	0.826%
17	11.463	1591	1594	1597	rVB	98967	91037	1.56%	0.168%
18	11.892	1663	1667	1669	rBV	119210	122428	2.10%	0.225%
19	11.922	1669	1672	1677	rVV	669578	685323	11.75%	1.262%
20	11.998	1682	1685	1688	rVV2	195519	230052	3.94%	0.423%
21	12.022	1688	1689	1695	rVB	104301	84043	1.44%	0.155%
22	12.186	1711	1717	1718	rBV2	77483	76674	1.31%	0.141%
23	12.204	1718	1720	1726	rVB3	92305	99486	1.71%	0.183%
24	12.375	1745	1749	1754	rVB2	143727	165058	2.83%	0.304%
25	12.439	1754	1760	1763	rBV2	109659	124998	2.14%	0.230%
26	12.522	1771	1774	1779	rVB	80489	84583	1.45%	0.156%
27	12.598	1784	1787	1791	rBV	1111625	937901	16.08%	1.726%
28	12.704	1801	1805	1811	rBV3	157862	248245	4.26%	0.457%
29	12.827	1820	1826	1829	rBV	1019765	953458	16.35%	1.755%
30	12.974	1847	1851	1854	rBV	5572913	4848751	83.12%	8.925%
31	13.045	1859	1863	1867	rBV2	75505	107947	1.85%	0.199%
32	13.133	1875	1878	1879	rBV2	67135	66682	1.14%	0.123%
33	13.157	1879	1882	1885	rVB	129328	133467	2.29%	0.246%
34	13.222	1890	1893	1896	rVB	76919	65131	1.12%	0.120%
35	13.263	1896	1900	1903	rBV2	112760	115345	1.98%	0.212%
36	13.351	1912	1915	1918	rVB	77017	63310	1.09%	0.117%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122350.D
Acq On : 17 Nov 2020 17:20
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-34

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	13.386	1918	1921	1924	rBV	70556	65696	1.13%	0.121%
38	13.557	1942	1950	1953	rBV10	37493	80190	1.37%	0.148%
39	13.663	1964	1968	1972	rVB	89400	103467	1.77%	0.190%
40	13.774	1982	1987	1990	rBV2	90584	133345	2.29%	0.245%
41	13.874	2000	2004	2014	rBV2	579187	800438	13.72%	1.473%
42	14.027	2022	2030	2032	rBV2	2237991	2484127	42.59%	4.573%
43	14.051	2032	2034	2037	rVB	419816	318884	5.47%	0.587%
44	14.410	2091	2095	2099	rVV	77280	92931	1.59%	0.171%
45	14.445	2099	2101	2105	rVB3	77658	66963	1.15%	0.123%
46	14.892	2174	2177	2187	rVB5	48249	96475	1.65%	0.178%
47	15.063	2202	2206	2210	rBV	377411	607124	10.41%	1.118%
48	15.157	2218	2222	2223	rBV2	59928	72666	1.25%	0.134%
49	15.368	2254	2258	2264	rVB	238539	283378	4.86%	0.522%
50	15.427	2264	2268	2274	rBV	279044	341905	5.86%	0.629%
51	15.498	2274	2280	2284	rBV	1516011	1987650	34.07%	3.659%
52	15.980	2357	2362	2367	rBV	122371	186155	3.19%	0.343%
53	16.051	2368	2374	2379	rVV6	46973	118418	2.03%	0.218%
54	16.780	2493	2498	2507	rVB5	56604	126631	2.17%	0.233%
55	16.951	2521	2527	2537	rVB2	134748	272638	4.67%	0.502%
56	17.192	2563	2568	2573	rBV5	31858	72580	1.24%	0.134%
57	17.392	2596	2602	2608	rVB	97211	189687	3.25%	0.349%

Sum of corrected areas: 54326016

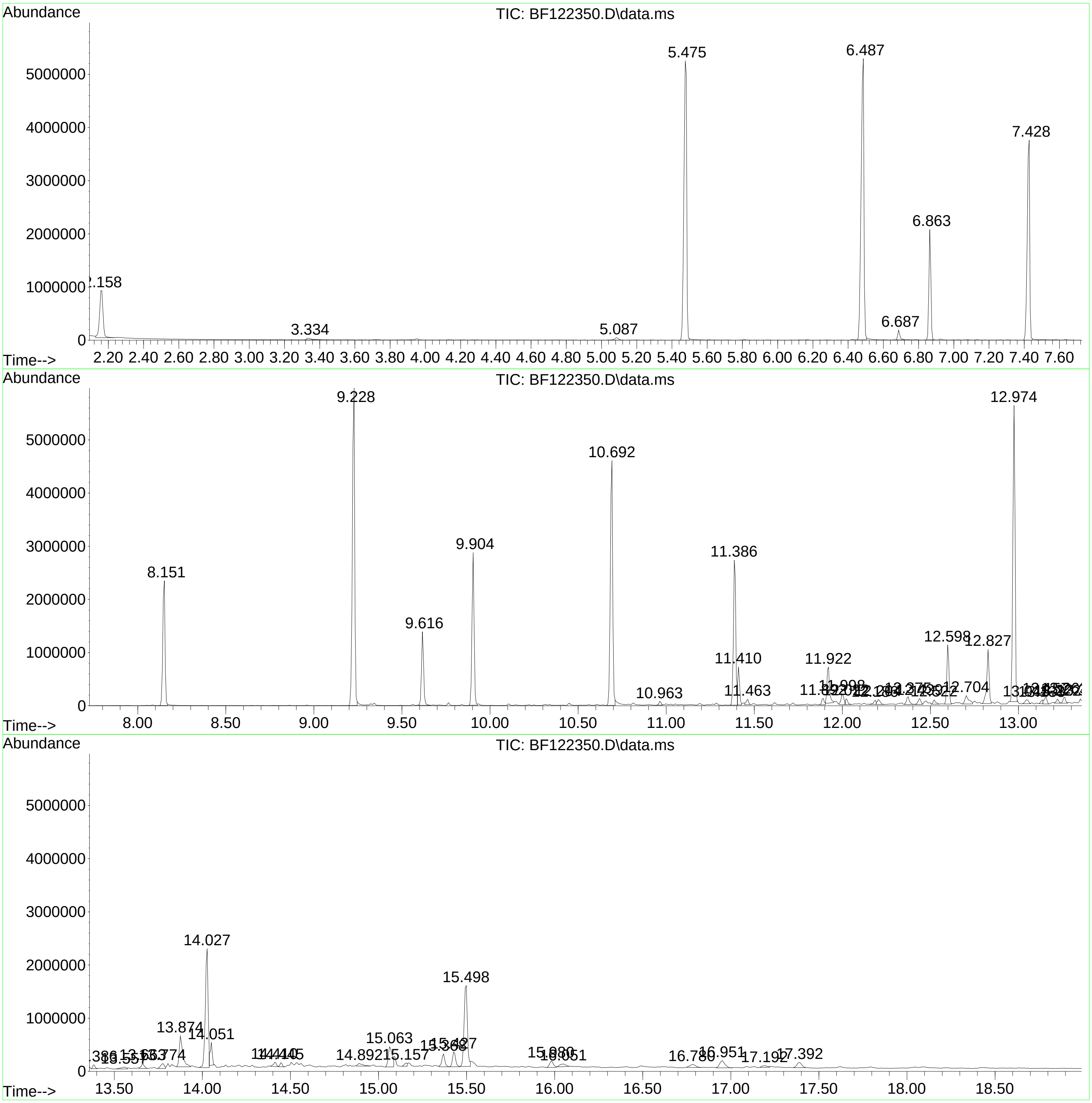
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122350.D
Acq On : 17 Nov 2020 17:20
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-34

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 : BF122350.D
Acq On : 17 Nov 2020 17:20
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-34

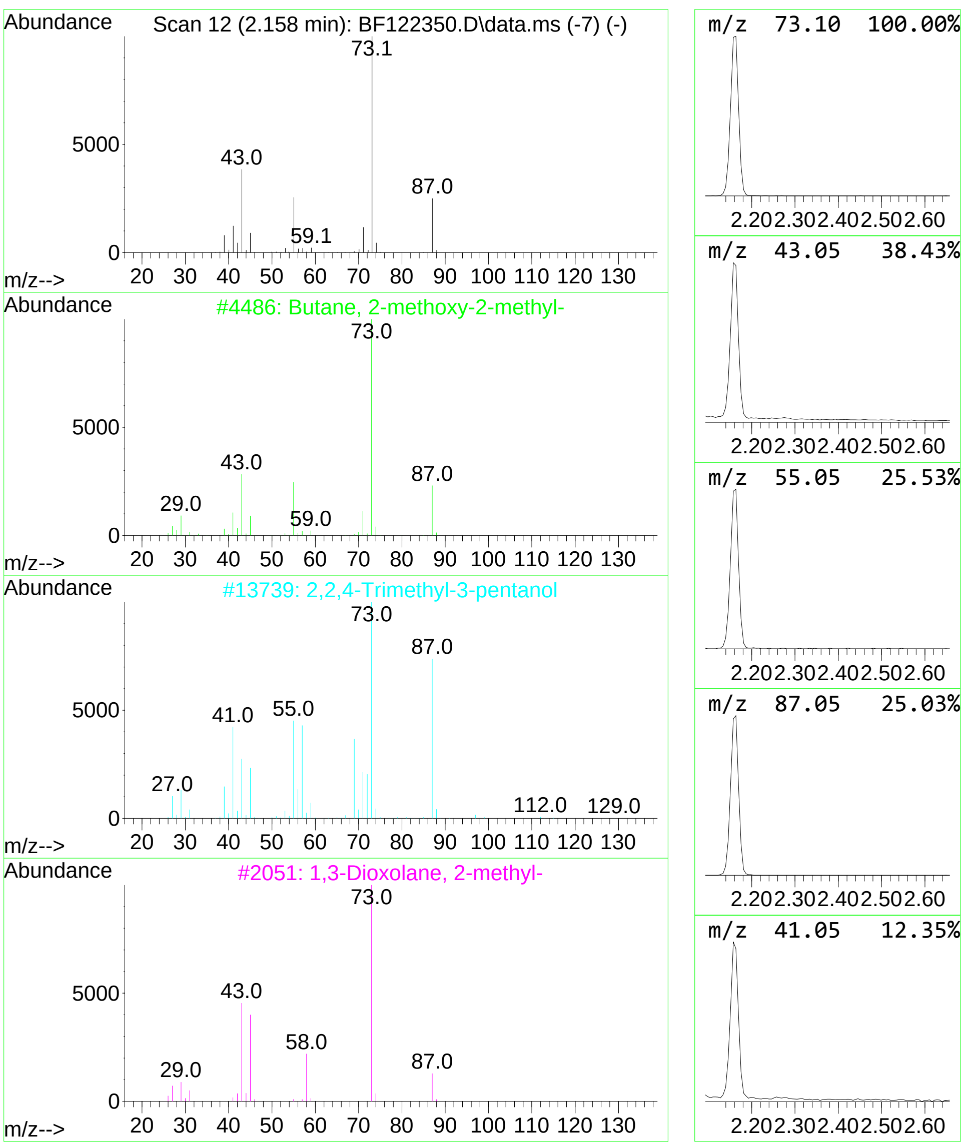
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.158	15.00 ng	1207330	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 : BF122350.D
Acq On : 17 Nov 2020 17:20
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-34

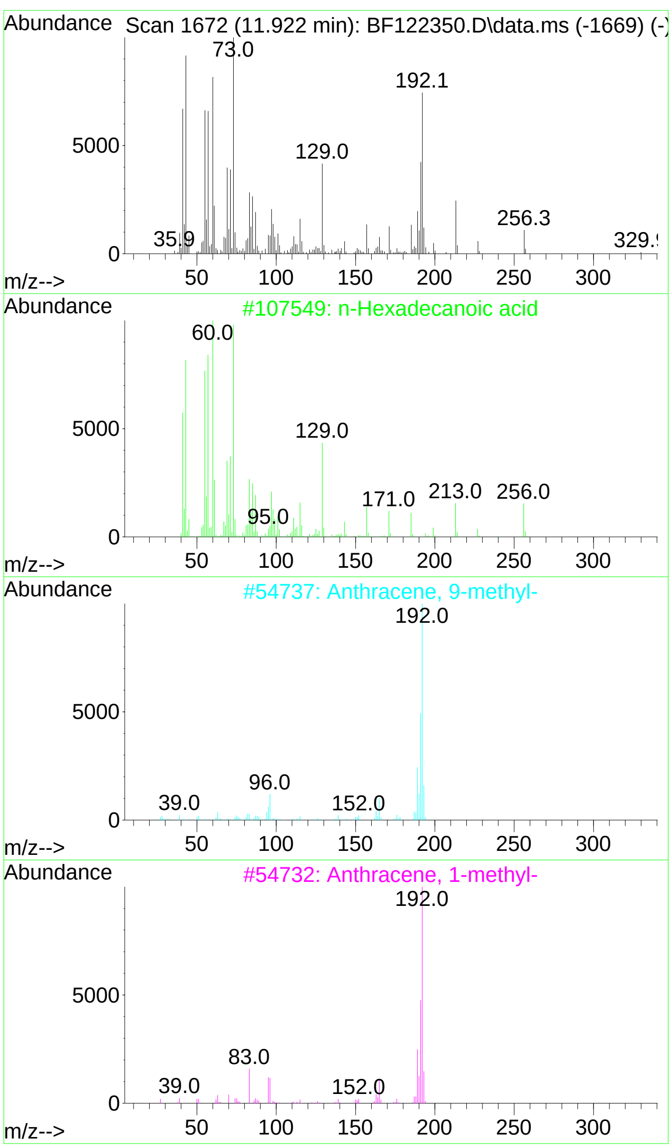
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

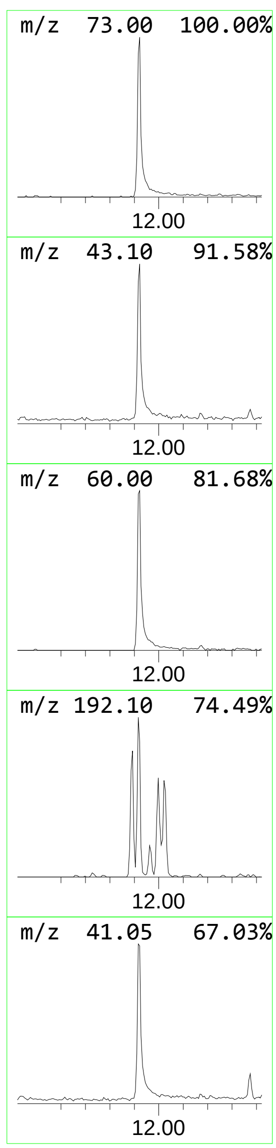
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	5.35 ng	685323	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122350.D
Acq On : 17 Nov 2020 17:20
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-34

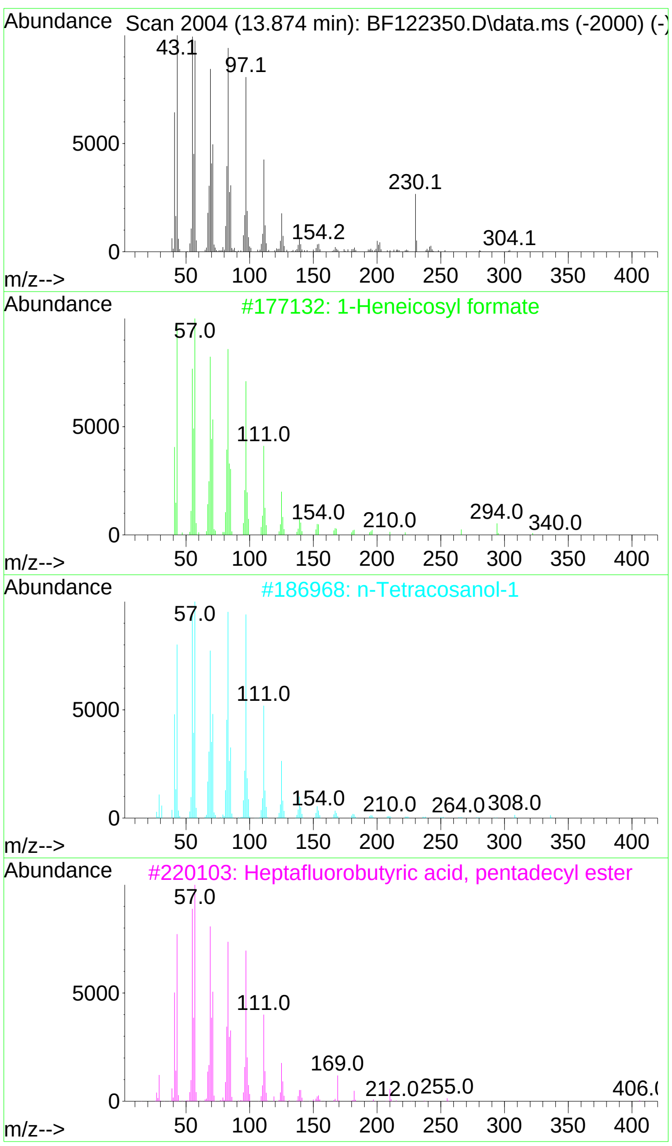
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

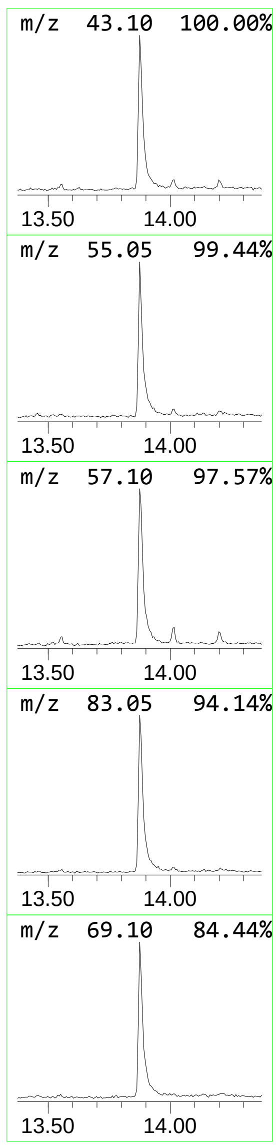
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	6.44 ng	800438	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94



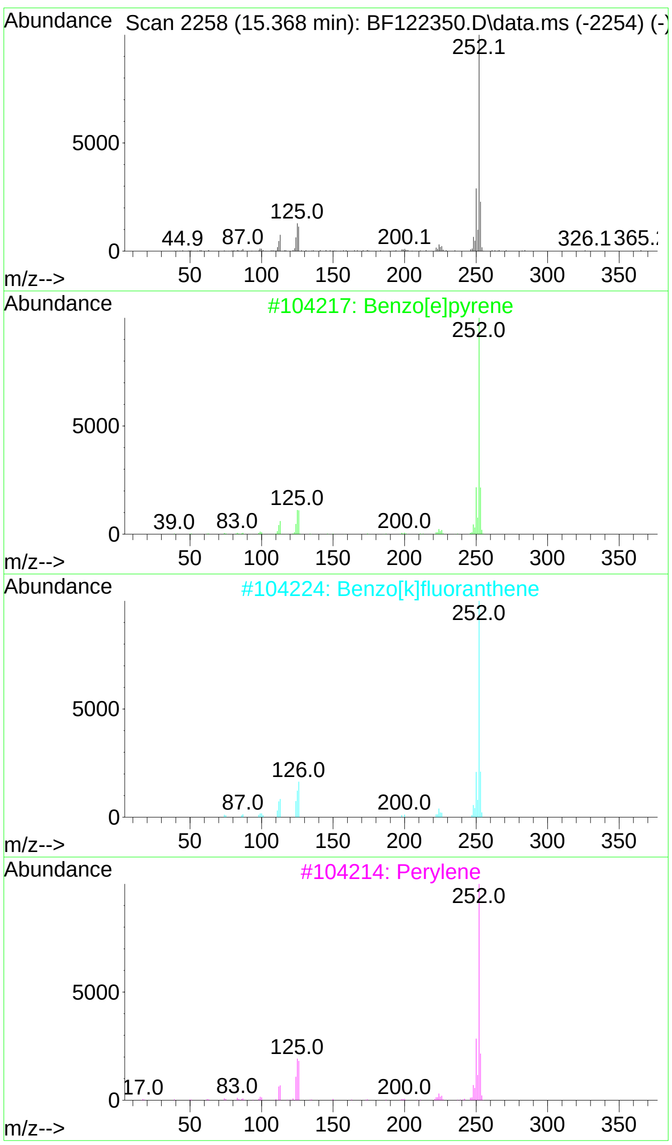


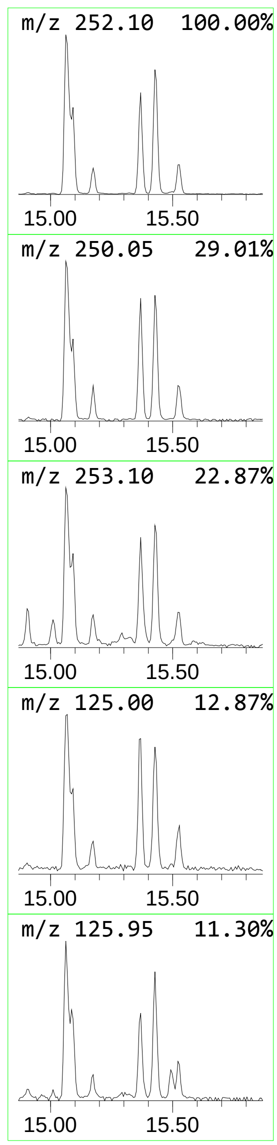
Library Search Compound Report

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122350.D
Acq On    : 17 Nov 2020  17:20
Operator  : JU/CG
Sample    : L4725-04
Misc      :
ALS Vial  : 13   Sample Multiplier: 1

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
```

Instrument :
BNA_F
ClientSampleId :
RBR-34

```
*********************************************************************
Peak Number  4  Benzo[e]pyrene                Concentration Rank  4

  R.T.     EstConc          Area       Relative to ISTD          R.T.
---------------------------------------------------------------------
 15.368    2.85 ng         283378   Perylene-d12                15.498

 Hit# of  5    Tentative ID              MW  MolForm       CAS#       Qual
---------------------------------------------------------------------
 1 Benzo[e]pyrene                       252 C20H12        000192-97-2 99
 2 Benzo[k]fluoranthene                 252 C20H12        000207-08-9 98
 3 Perylene                             252 C20H12        000198-55-0 95
 4 Benz[e]acephenanthrylene             252 C20H12        000205-99-2 95
 5 Benzo[a]pyrene                       252 C20H12        000050-32-8 93
```





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122350.D
Acq On : 17 Nov 2020 17:20
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-34

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...	2.158	15.0	ng	1207330	1	6.863	1609450	20.0
n-Hexadecanoic ...	11.922	5.3	ng	685323	4	11.386	2563570	20.0
1-Heneicosyl fo...	13.874	6.4	ng	800438	5	14.027	2484130	20.0
Benzo[e]pyrene	15.368	2.9	ng	283378	6	15.498	1987650	20.0