LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122392.D
Acq On : 19 Nov 2020 21:12
Operator : JU/CG
Sample : L4802-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-064-A

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: BF122392.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	13	rVB	391386	497936	11.17%	1.260%
2	2.475	61	66	74	rVB2	63206	117965	2.65%	0.298%
3	5.075	498	508	514	rVB	39545	53930	1.21%	0.136%
4	5.492	574	579	582	rBV	3573436	3577522	80.22%	9.051%
5	6.498	745	750	755	rBV	3532321	3930061	88.13%	9.943%
6	6.863	809	812	816	rBV	1625315	1380150	30.95%	3.492%
7	7.428	903	908	911	rBV	2676580	2430859	54.51%	6.150%
8	8.151	1026	1031	1034	rBV	2221917	1851535	41.52%	4.684%
9	9.227	1209	1214	1217	rBV	4986250	4337884	97.27%	10.975%
10	9.616	1277	1280	1285	rBV	275714	247108	5.54%	0.625%
11	9.904	1325	1329	1333	rBV	2498455	2212641	49.62%	5.598%
12	10.692	1459	1463	1473	rBV	3480791	3162643	70.92%	8.001%
13	10.810	1481	1483	1488	rBV3	37707	51011	1.14%	0.129%
14	11.392	1578	1582	1584	rBV	2655845	2288126	51.31%	5.789%
15	11.410	1584	1585	1588	rVV	267665	197415	4.43%	0.499%
16	11.463	1592	1594	1598	rVB	83968	68935	1.55%	0.174%
17	11.916	1668	1671	1677	rBV	316347	288552	6.47%	0.730%
18	12.004	1683	1686	1688	rBV2	75612	75439	1.69%	0.191%
19	12.374	1745	1749	1755	rBV2	73993	102638	2.30%	0.260%
20	12.474	1763	1766	1767	rBV3	46741	48193	1.08%	0.122%
21	12.598	1784	1787	1791	rBV	582429	545423	12.23%	1.380%
22	12.704	1801	1805	1810	rBV3	127772	171529	3.85%	0.434%
23	12.827	1821	1826	1829	rBV	549458	537266	12.05%	1.359%
24	12.974	1847	1851	1855	rBV	4674618	4459612	100.00%	11.283%
25	13.157	1880	1882	1885	rVB2	84365	72277	1.62%	0.183%
26	13.263	1897	1900	1902	rBV2	77887	78944	1.77%	0.200%
27	13.874	2001	2004	2011	rVB2	570499	628161	14.09%	1.589%
28	14.027	2025	2030	2033	rBV	2549876	2579386	57.84%	6.526%
29	14.051	2033	2034	2037	rVB	304530	189574	4.25%	0.480%
30	15.068	2204	2207	2217	rVB	355983	647994	14.53%	1.639%
31	15.374	2256	2259	2264	rVB	238259	320069	7.18%	0.810%
32	15.433	2266	2269	2273	rBV	259939	271407	6.09%	0.687%
33	15.504	2276	2281	2284	rBV	1685889	2103697	47.17%	5.322%

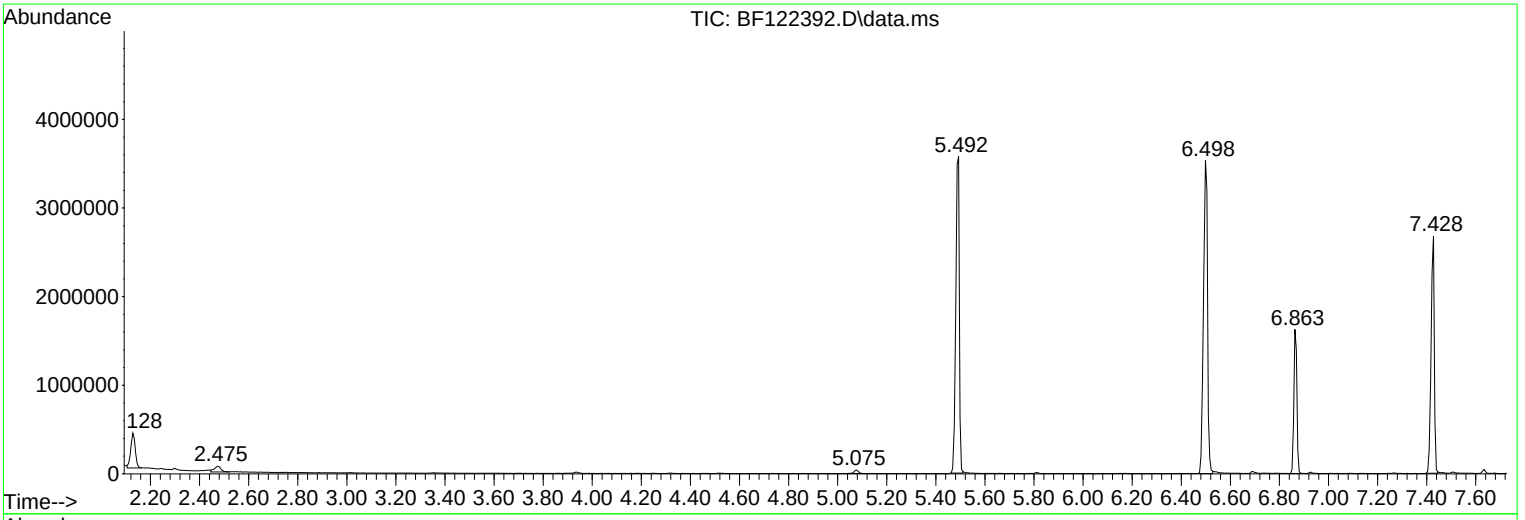
Sum of corrected areas: 39525882

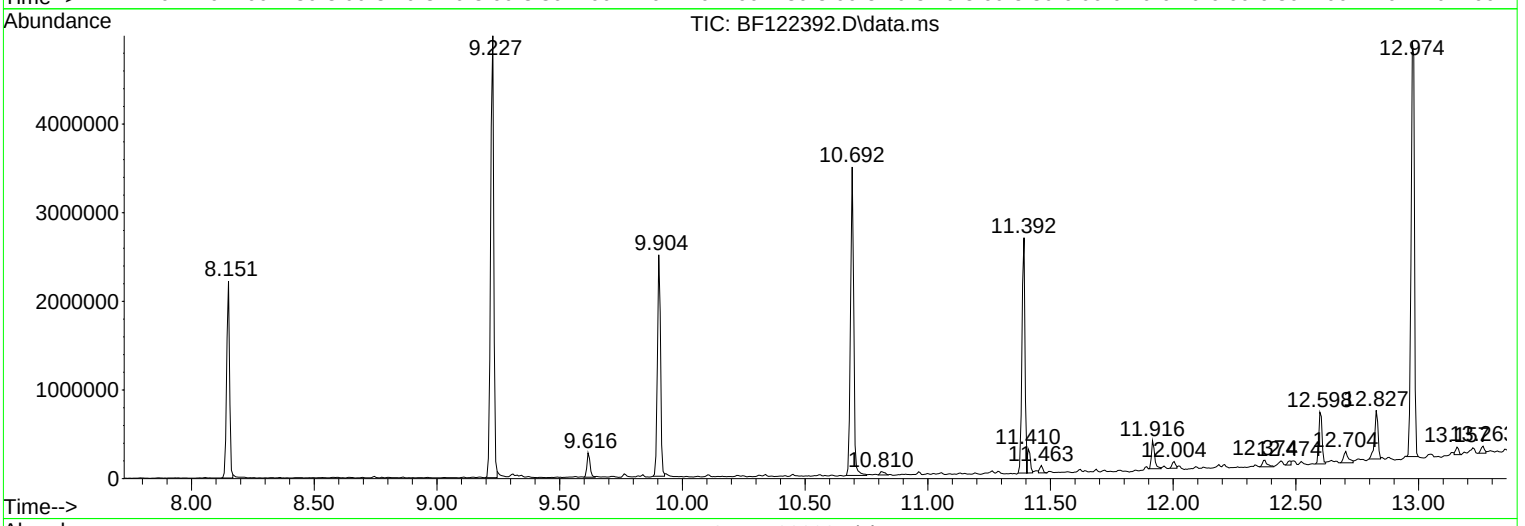
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122392.D
Acq On : 19 Nov 2020 21:12
Operator : JU/CG
Sample : L4802-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

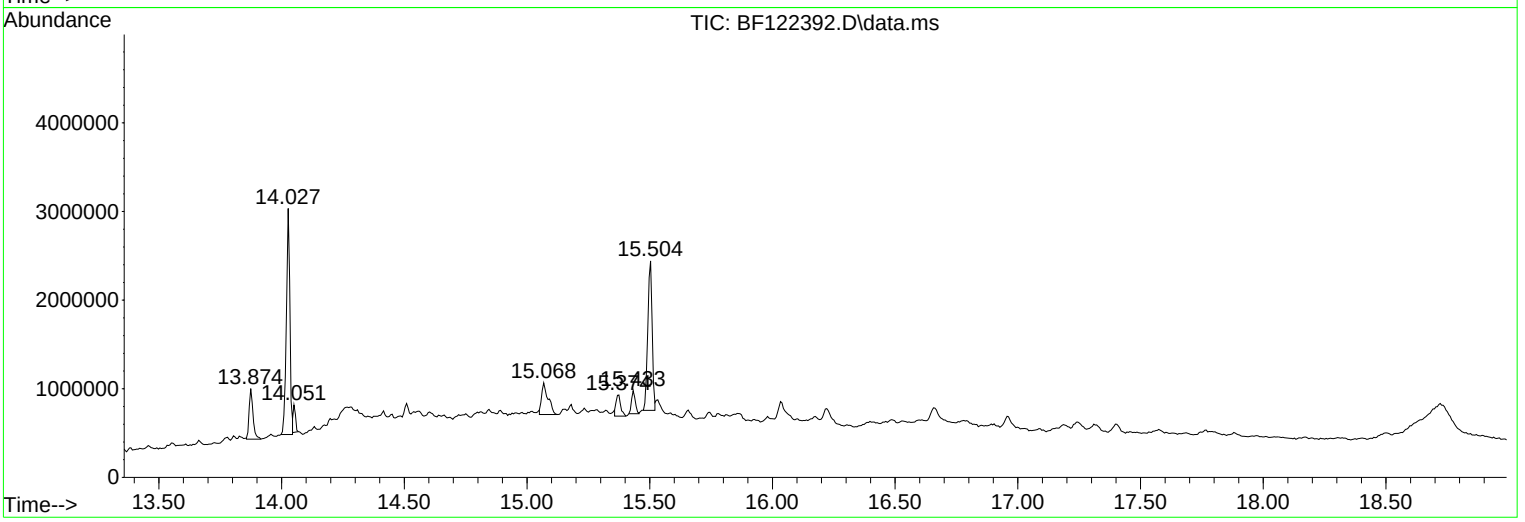
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-A

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\BF111920\
Data File : BF122392.D
Acq On : 19 Nov 2020 21:12
Operator : JU/CG
Sample : L4802-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-A

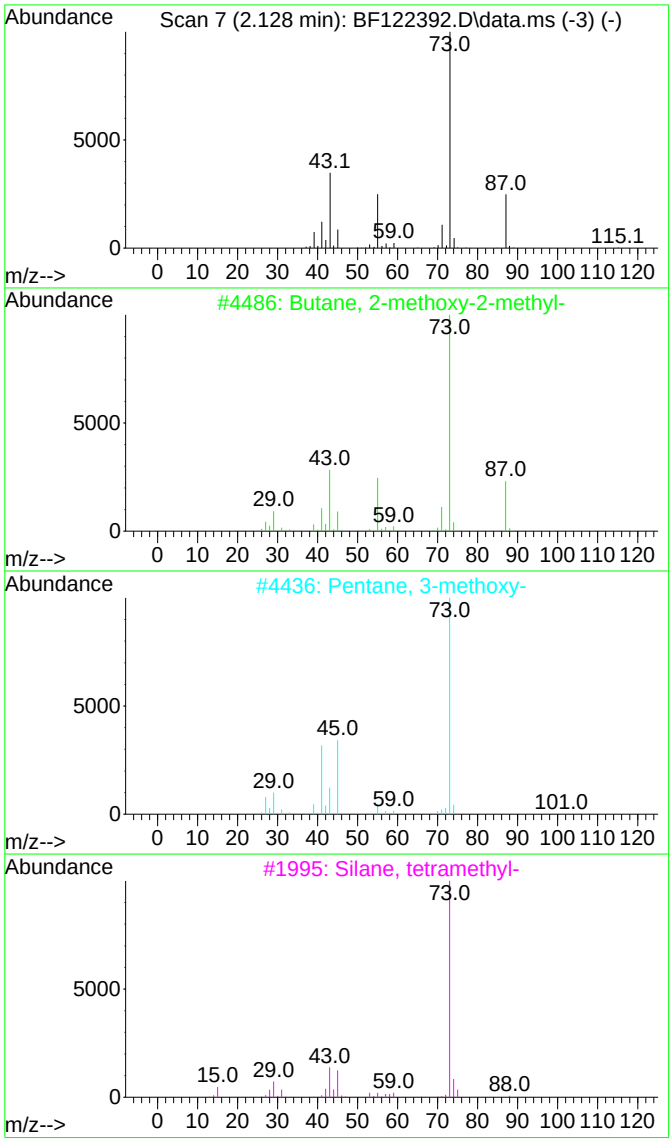
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

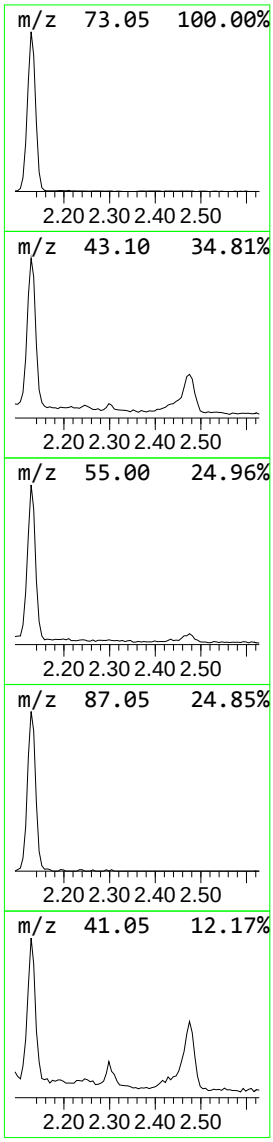
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	7.22 ng	497936	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	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122392.D
Acq On : 19 Nov 2020 21:12
Operator : JU/CG
Sample : L4802-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-064-A

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

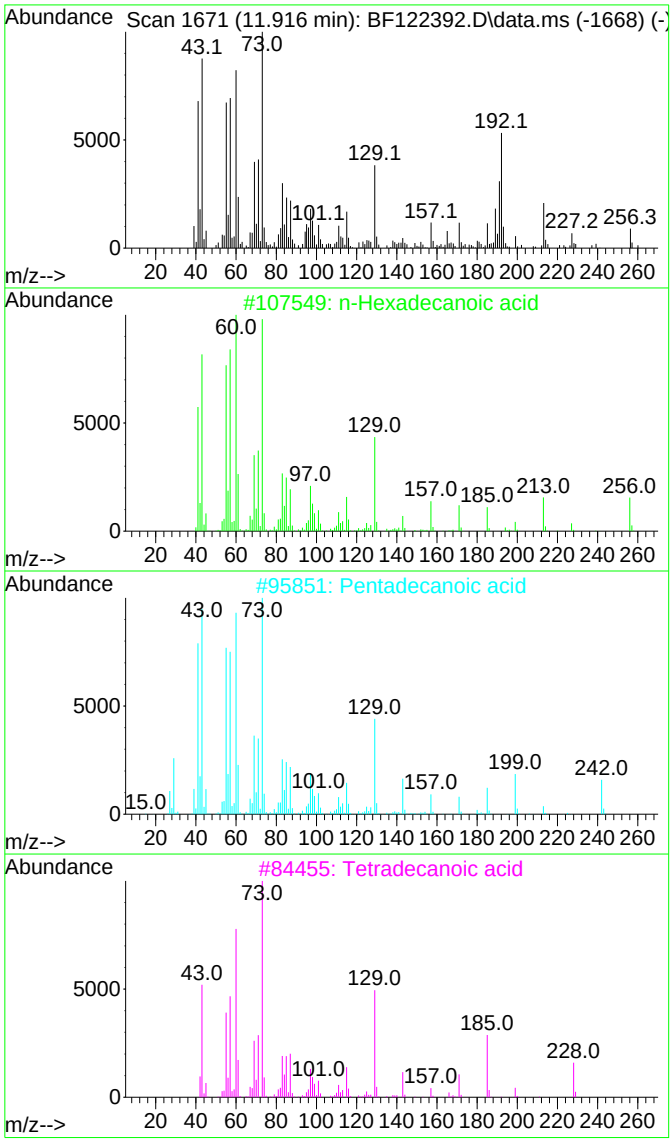
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

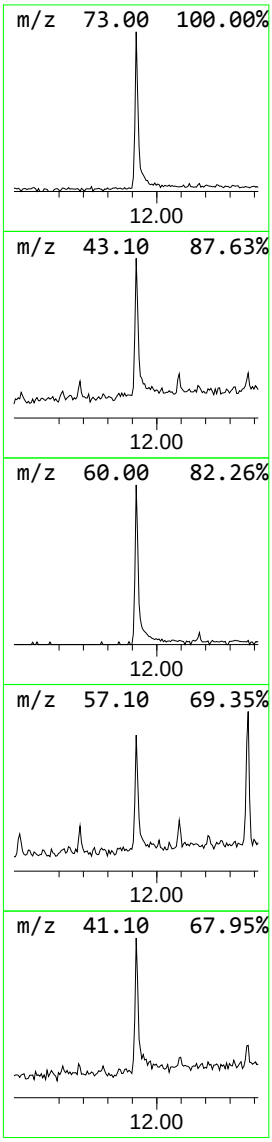
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.52 ng	288552	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	78
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122392.D
Acq On : 19 Nov 2020 21:12
Operator : JU/CG
Sample : L4802-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-A

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

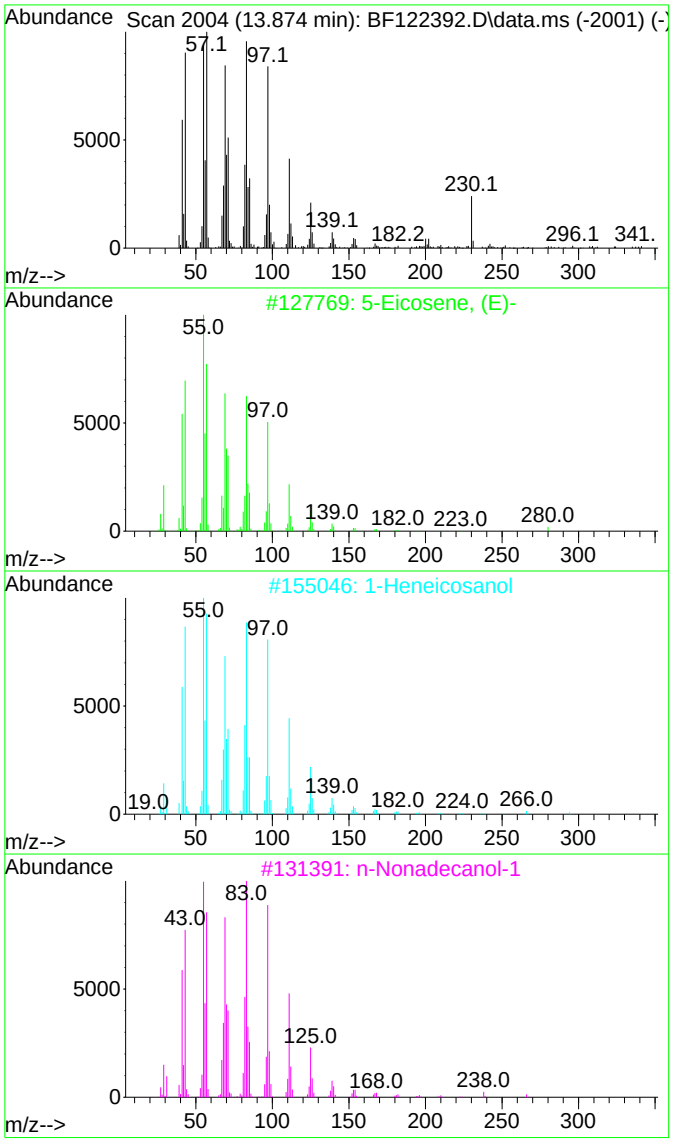
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

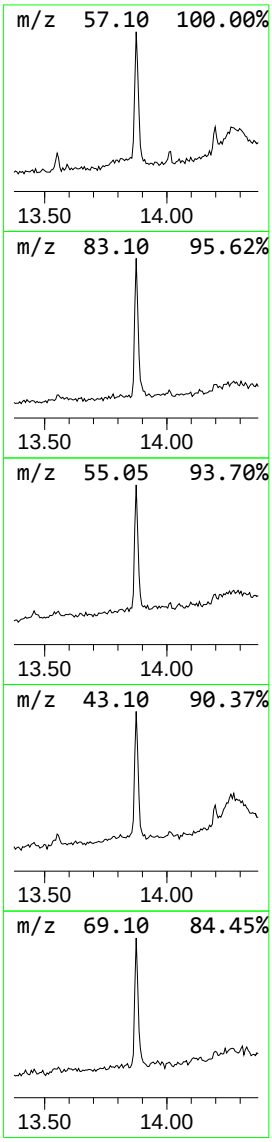
****

Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.87 ng	628161	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122392.D
Acq On : 19 Nov 2020 21:12
Operator : JU/CG
Sample : L4802-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-A

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

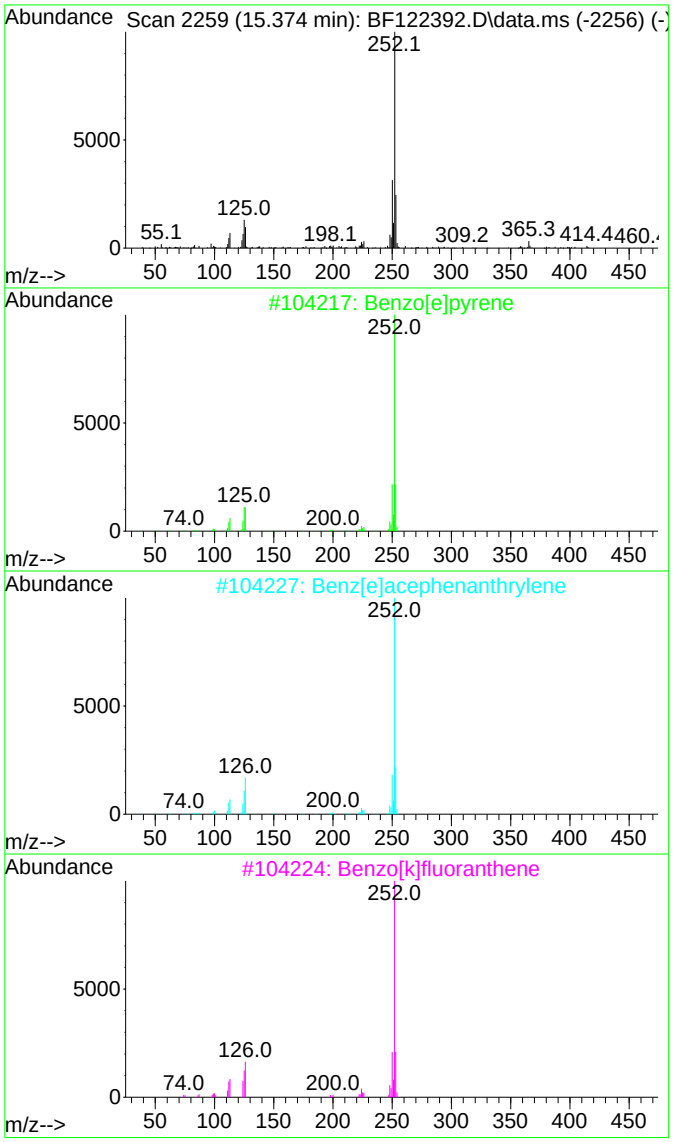
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

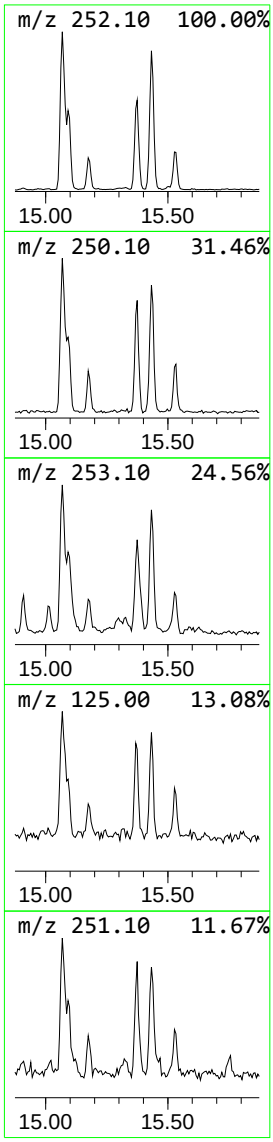
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	3.04 ng	320069	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122392.D
Acq On : 19 Nov 2020 21:12
Operator : JU/CG
Sample : L4802-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-064-A

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...	2.128	7.2	ng	497936	1	6.863	1380150	20.0
n-Hexadecanoic ...	11.916	2.5	ng	288552	4	11.392	2288130	20.0
5-Eicosene, (E)-	13.874	4.9	ng	628161	5	14.027	2579390	20.0
Benzo[e]pyrene	15.374	3.0	ng	320069	6	15.504	2103700	20.0