LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134869.D
Acq On : 21 Aug 2023 15:57
Operator : CG\JU
Sample : 04086-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-PP18A

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134869.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.863	298	302	309	rVB	60359	81234	2.36%	0.307%
2	5.428	563	568	571	rBV	3091344	2929302	85.00%	11.075%
3	6.434	733	739	742	rBV	2931998	2968970	86.15%	11.225%
4	6.792	796	800	803	rBV	1415941	1127696	32.72%	4.264%
5	7.351	890	895	898	rBV	1926662	1948697	56.54%	7.368%
6	8.069	1013	1017	1020	rBV	1820623	1480372	42.95%	5.597%
7	9.145	1196	1200	1204	rBV	3557873	3446435	100.00%	13.030%
8	9.263	1216	1220	1224	rVB	39722	35809	1.04%	0.135%
9	9.827	1311	1316	1319	rBV	1668337	1563104	45.35%	5.910%
10	10.616	1446	1450	1453	rBV	2162004	1874856	54.40%	7.088%
11	11.316	1565	1569	1572	rBV	1563655	1330469	38.60%	5.030%
12	11.816	1650	1654	1656	rBV	145542	146483	4.25%	0.554%
13	11.851	1656	1660	1670	rVB2	687734	710611	20.62%	2.687%
14	12.263	1725	1730	1733	rBV4	29219	41254	1.20%	0.156%
15	12.368	1745	1748	1751	rBV	60035	62094	1.80%	0.235%
16	12.457	1760	1763	1766	rBV3	26812	37945	1.10%	0.143%
17	12.527	1772	1775	1779	rBV	184545	192427	5.58%	0.728%
18	12.574	1781	1783	1789	rVV5	50652	64543	1.87%	0.244%
19	12.639	1791	1794	1805	rVV2	187761	214142	6.21%	0.810%
20	12.757	1809	1814	1817	rBV	216869	201718	5.85%	0.763%
21	12.910	1836	1840	1843	rBV	3017181	2599482	75.43%	9.828%
22	13.092	1864	1871	1873	rBV3	42819	75438	2.19%	0.285%
23	13.145	1878	1880	1885	rVB2	40660	43387	1.26%	0.164%
24	13.192	1885	1888	1891	rBV	50691	54067	1.57%	0.204%
25	13.315	1907	1909	1913	rBV	29443	35725	1.04%	0.135%
26	13.492	1936	1939	1942	rBV2	45566	36898	1.07%	0.140%
27	13.604	1955	1958	1962	rBV2	34284	54606	1.58%	0.206%
28	13.815	1990	1994	2002	rBV2	322557	365663	10.61%	1.382%
29	13.962	2014	2019	2022	rBV	1228390	1302681	37.80%	4.925%
30	13.986	2022	2023	2029	rVB	150517	128241	3.72%	0.485%
31	14.139	2047	2049	2052	rVB	58250	48953	1.42%	0.185%
32	14.451	2099	2102	2105	rBV3	94848	103306	3.00%	0.391%
33	15.004	2193	2196	2200	rBV	109315	162977	4.73%	0.616%
34	15.368	2255	2258	2264	rBV	82669	112282	3.26%	0.425%
35	15.433	2265	2269	2276	rBV	632947	812452	23.57%	3.072%
36	17.527	2622	2625	2626	rBV3	50312	55281	1.60%	0.209%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134869.D
Acq On : 21 Aug 2023 15:57
Operator : CG\JU
Sample : 04086-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP18A

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

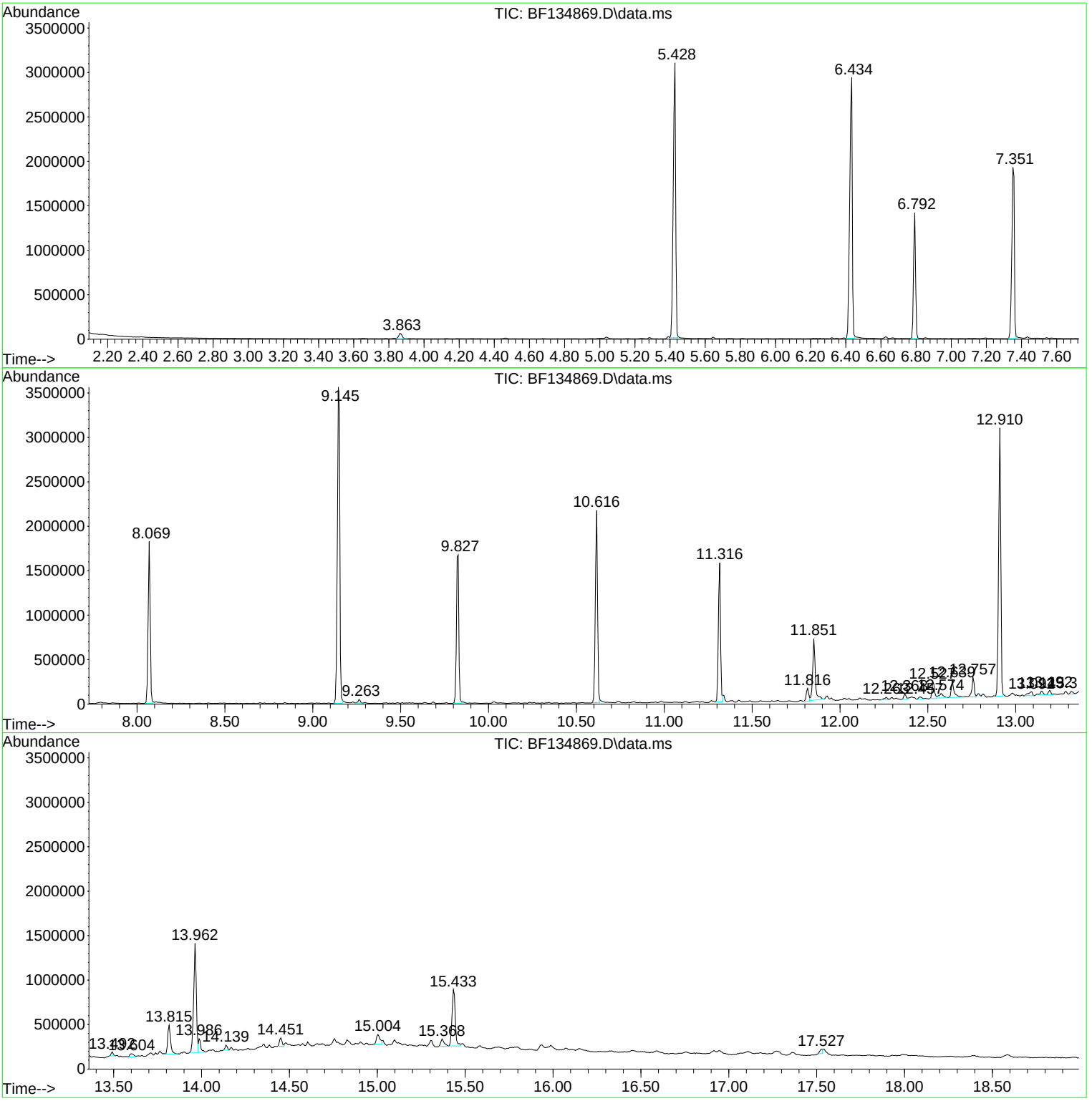
Sum of corrected areas: 26449600

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134869.D
Acq On : 21 Aug 2023 15:57
Operator : CG\JU
Sample : 04086-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP18A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134869.D
Acq On : 21 Aug 2023 15:57
Operator : CG\JU
Sample : 04086-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP18A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

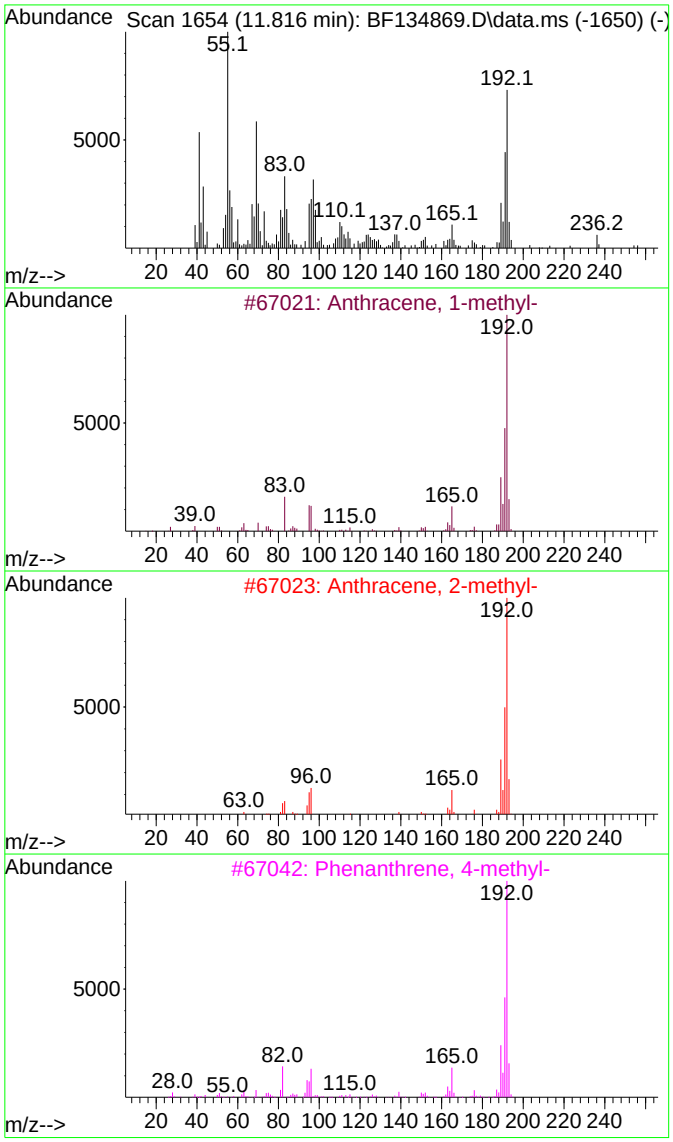
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

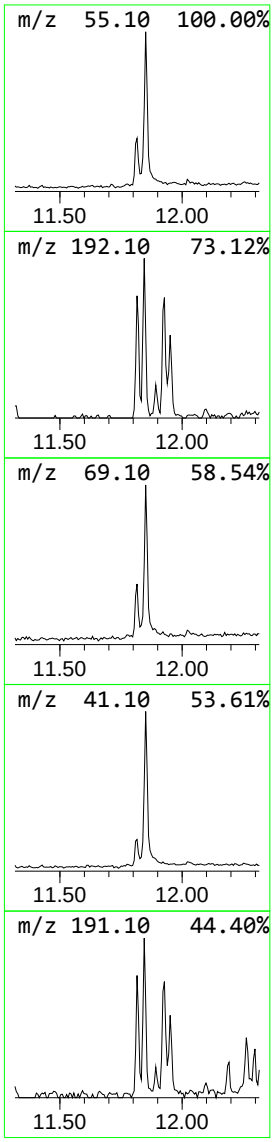
****

Peak Number 1 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	2.20 ng	146483	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134869.D
Acq On : 21 Aug 2023 15:57
Operator : CG\JU
Sample : 04086-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP18A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

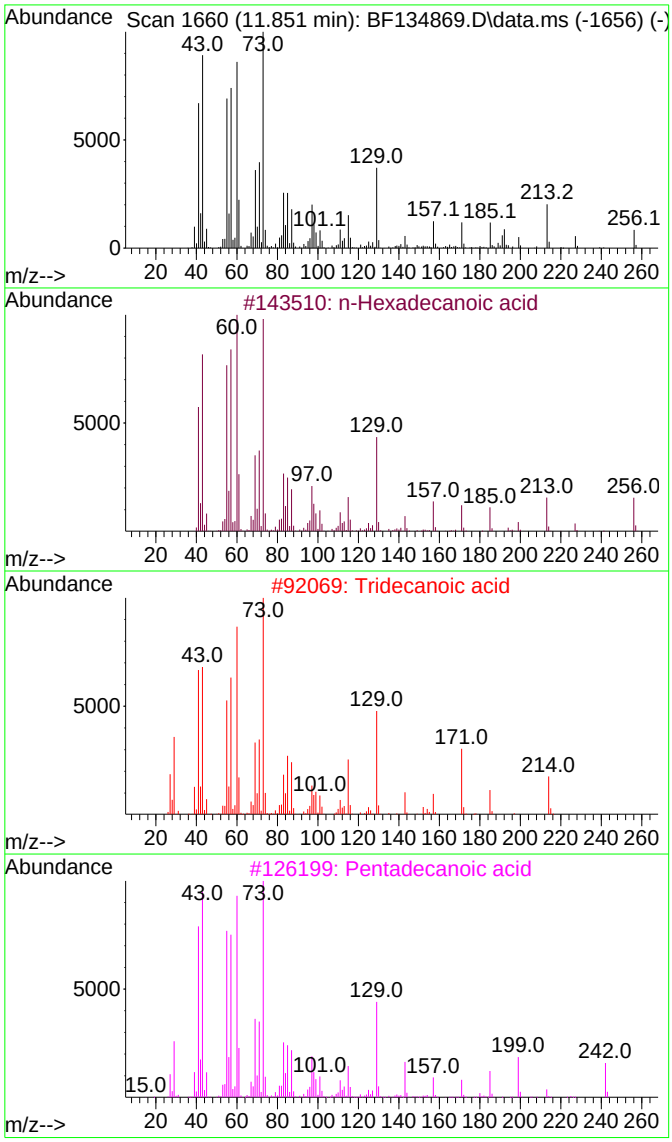
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

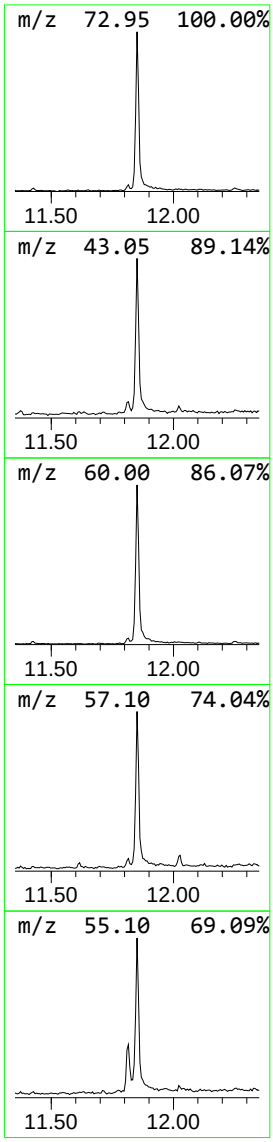
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	10.68 ng	710611	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134869.D
Acq On : 21 Aug 2023 15:57
Operator : CG\JU
Sample : 04086-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP18A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

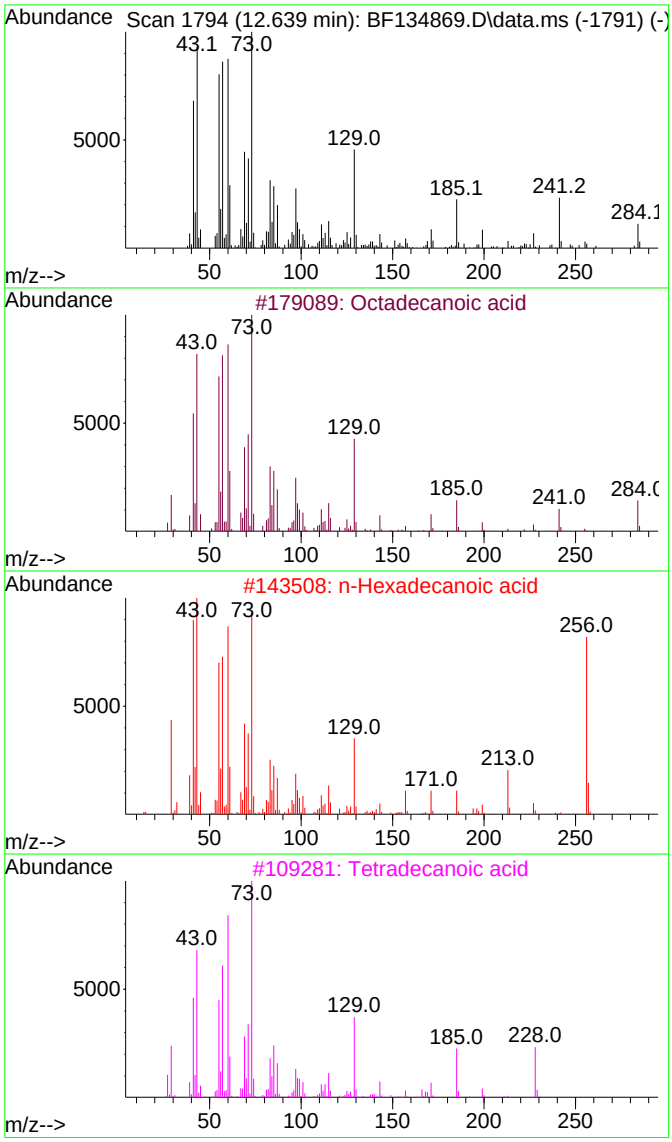
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

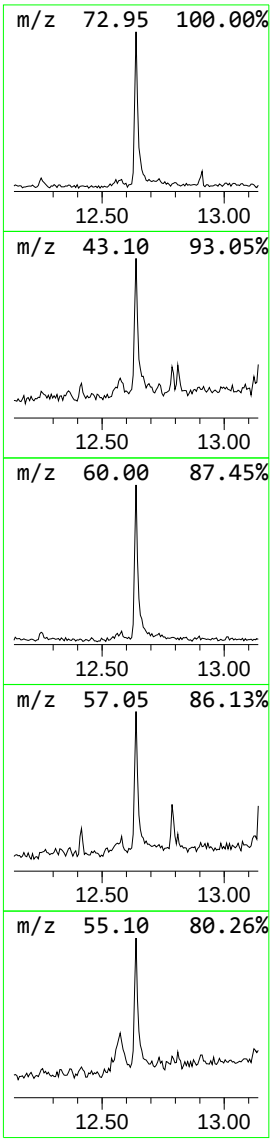
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.639	3.29 ng	214142	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134869.D
Acq On : 21 Aug 2023 15:57
Operator : CG\JU
Sample : 04086-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP18A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

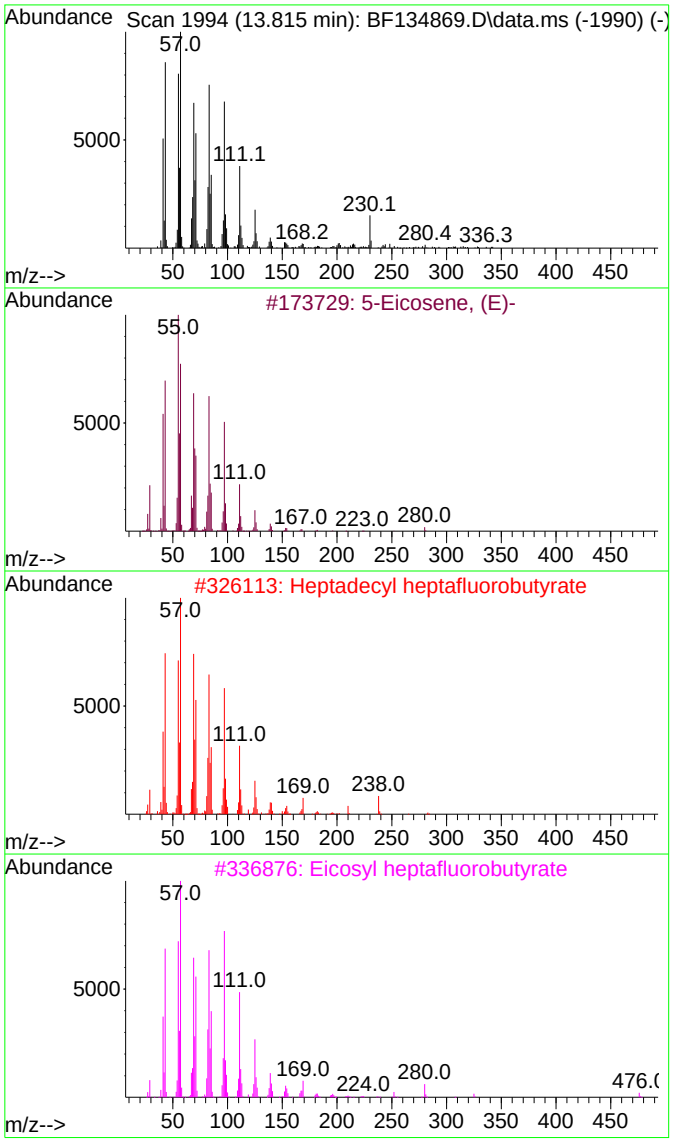
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

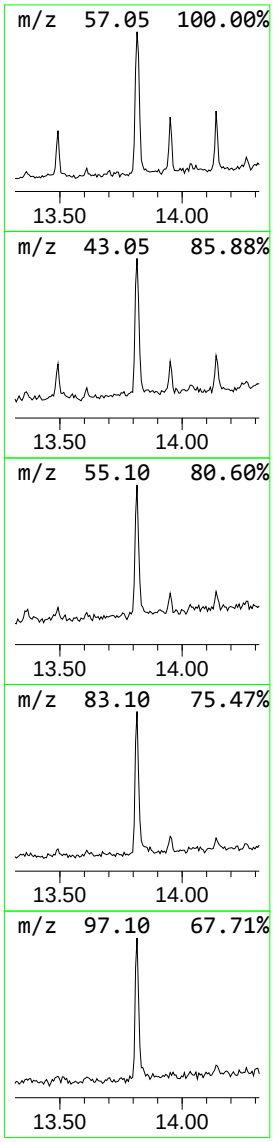
****

Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.815	5.61 ng	365663	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134869.D
Acq On : 21 Aug 2023 15:57
Operator : CG\JU
Sample : 04086-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP18A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 1-m...	11.816	2.2	ng	146483	4	11.316	1330470	20.0
n-Hexadecanoic ...	11.851	10.7	ng	710611	4	11.316	1330470	20.0
Octadecanoic acid	12.639	3.3	ng	214142	5	13.963	1302680	20.0
5-Eicosene, (E)-	13.815	5.6	ng	365663	5	13.963	1302680	20.0