LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126664.D
Acq On : 25 Jan 2022 15:36
Operator : CG/JU
Sample : N1233-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT4743

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-BF011822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126664.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.304	30	37	43	rVB	307354	408342	13.50%	1.968%
2	5.581	589	594	597	rBV	2920983	2944850	97.35%	14.192%
3	6.575	758	763	766	rBV	2953329	3024920	100.00%	14.578%
4	6.963	825	829	832	rVB	912317	705297	23.32%	3.399%
5	7.522	919	924	927	rBV	2161275	2007461	66.36%	9.674%
6	8.245	1042	1047	1050	rBV	1067049	900487	29.77%	4.340%
7	9.322	1225	1230	1233	rBV	3533810	3021046	99.87%	14.559%
8	10.004	1342	1346	1353	rBV	1184989	957447	31.65%	4.614%
9	10.792	1476	1480	1483	rBV	1720063	1421907	47.01%	6.853%
10	11.498	1596	1600	1603	rBV	980148	883646	29.21%	4.259%
11	12.710	1803	1806	1812	rBV	34968	33931	1.12%	0.164%
12	13.086	1865	1870	1873	rBV	2602574	2297553	75.95%	11.073%
13	13.980	2018	2022	2032	rBV	184435	317638	10.50%	1.531%
14	14.139	2042	2049	2052	rBV	687397	656818	21.71%	3.165%
15	14.168	2052	2054	2058	rVB	59056	50256	1.66%	0.242%
16	15.009	2193	2197	2201	rBV	51659	53185	1.76%	0.256%
17	15.209	2227	2231	2235	rBV	72076	116894	3.86%	0.563%
18	15.533	2281	2286	2292	rVB	51391	71554	2.37%	0.345%
19	15.598	2292	2297	2303	rBV	44160	60545	2.00%	0.292%
20	15.662	2303	2308	2313	rBV	489018	650367	21.50%	3.134%
21	16.233	2397	2405	2413	rBV9	24153	80045	2.65%	0.386%
22	17.215	2566	2572	2581	rBV3	18441	47080	1.56%	0.227%
23	17.686	2645	2652	2661	rBV3	17543	38791	1.28%	0.187%

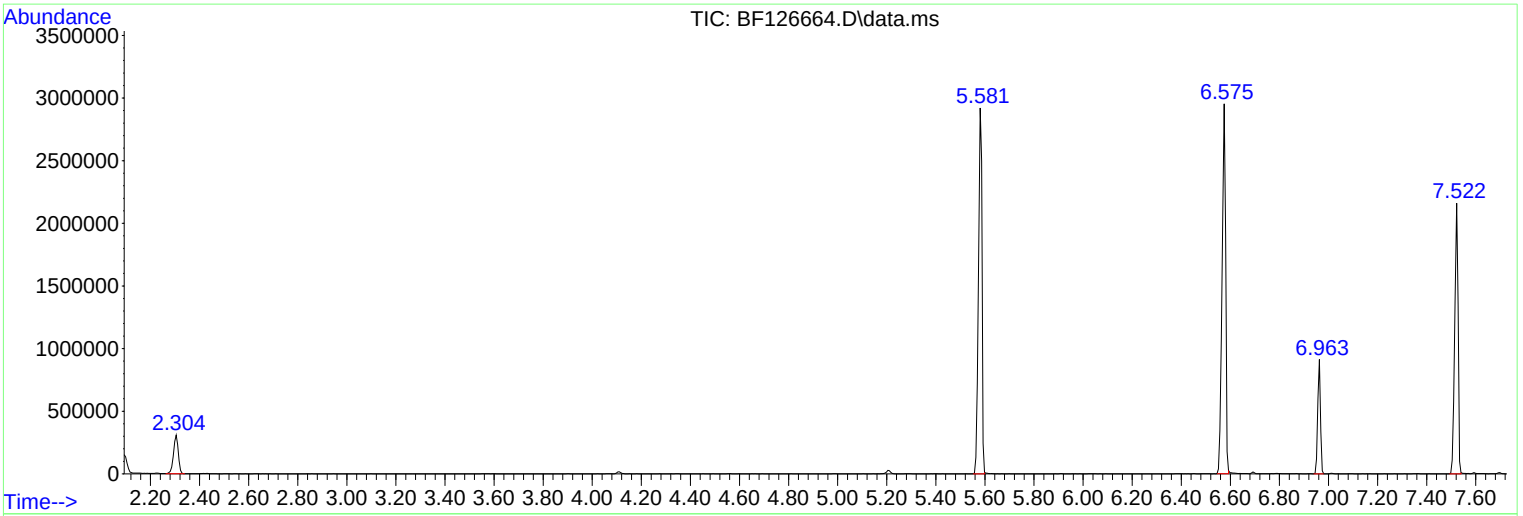
Sum of corrected areas: 20750060

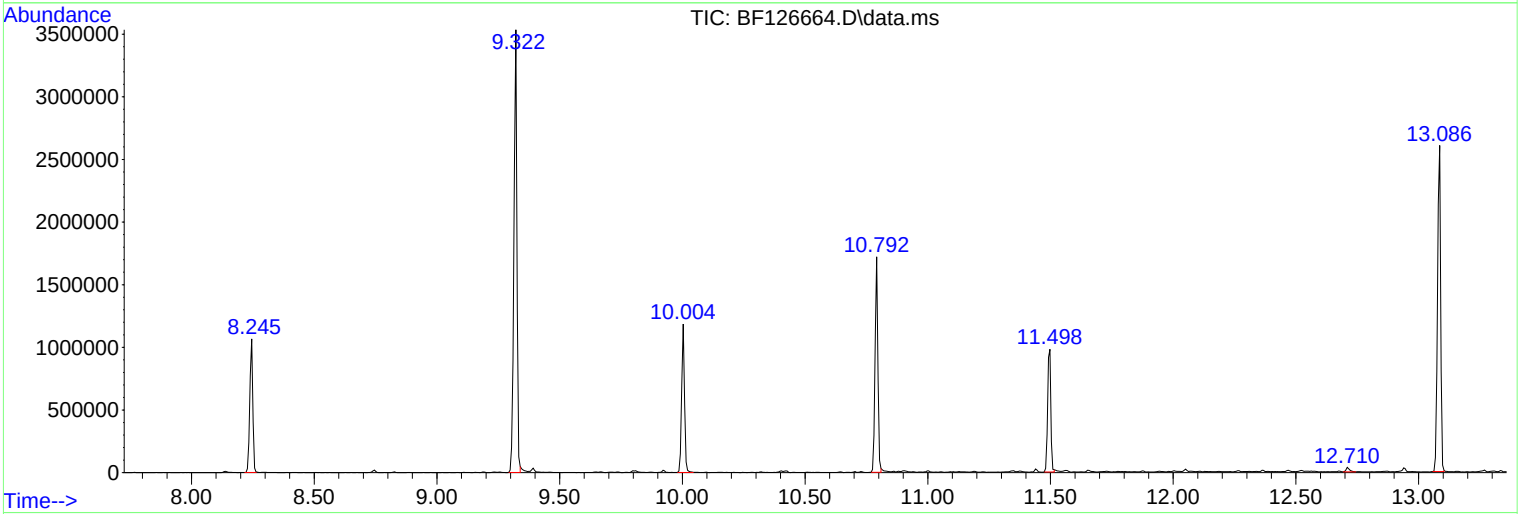
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126664.D
Acq On : 25 Jan 2022 15:36
Operator : CG/JU
Sample : N1233-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

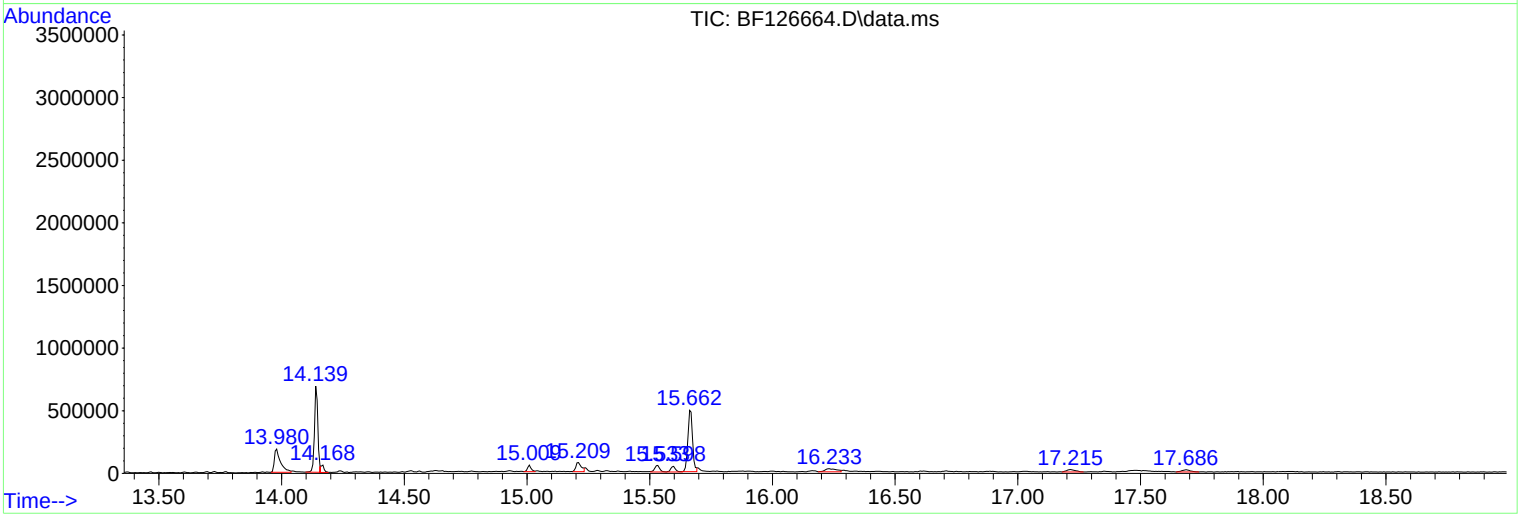
Instrument :
BNA_F
ClientSampleId :
RT4743

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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\BF012522\
Data File : BF126664.D
Acq On : 25 Jan 2022 15:36
Operator : CG/JU
Sample : N1233-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT4743

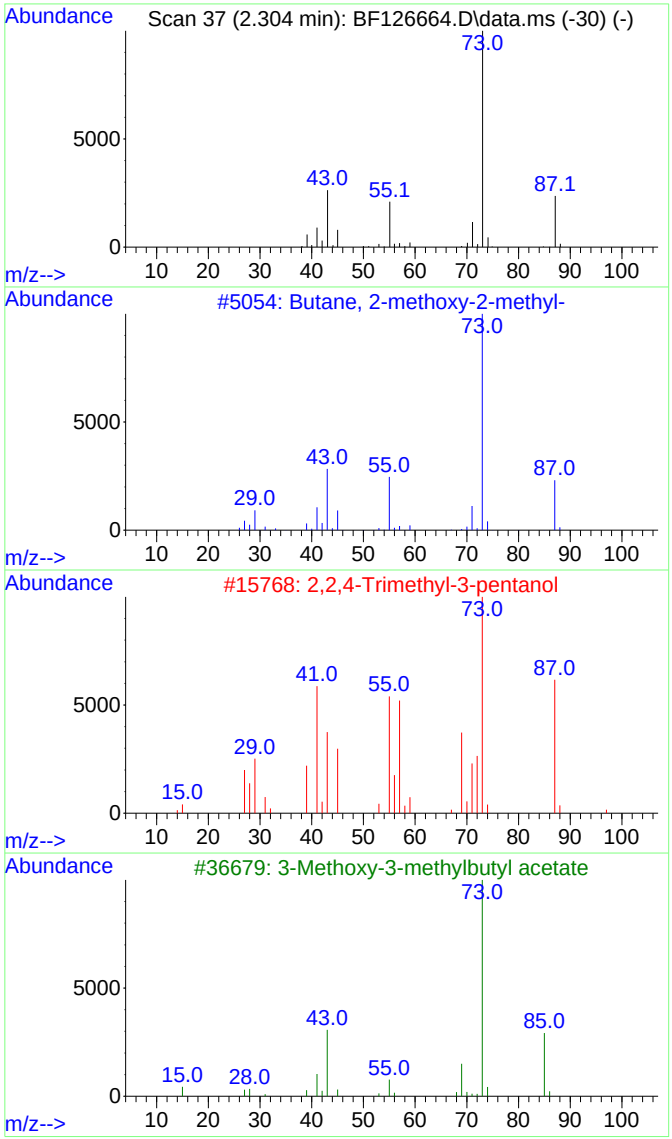
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

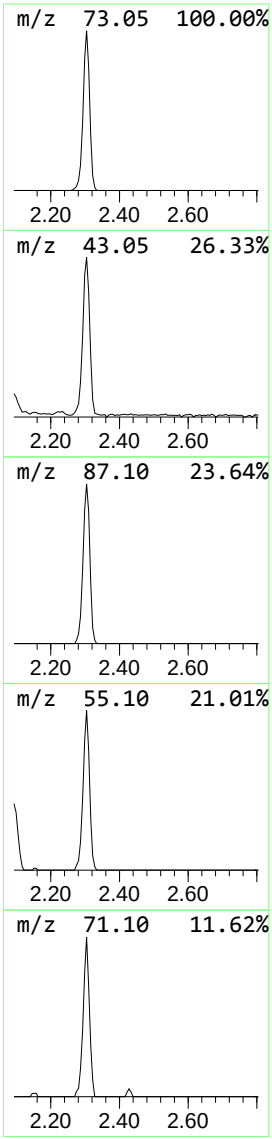
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.304	11.58 ng	408342	1,4-Dichlorobenzene-d4	6.963

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	64
3	3-Methoxy-3-methylbutyl acetate	160	C8H16O3	1010430-01-2	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126664.D
Acq On : 25 Jan 2022 15:36
Operator : CG/JU
Sample : N1233-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT4743

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

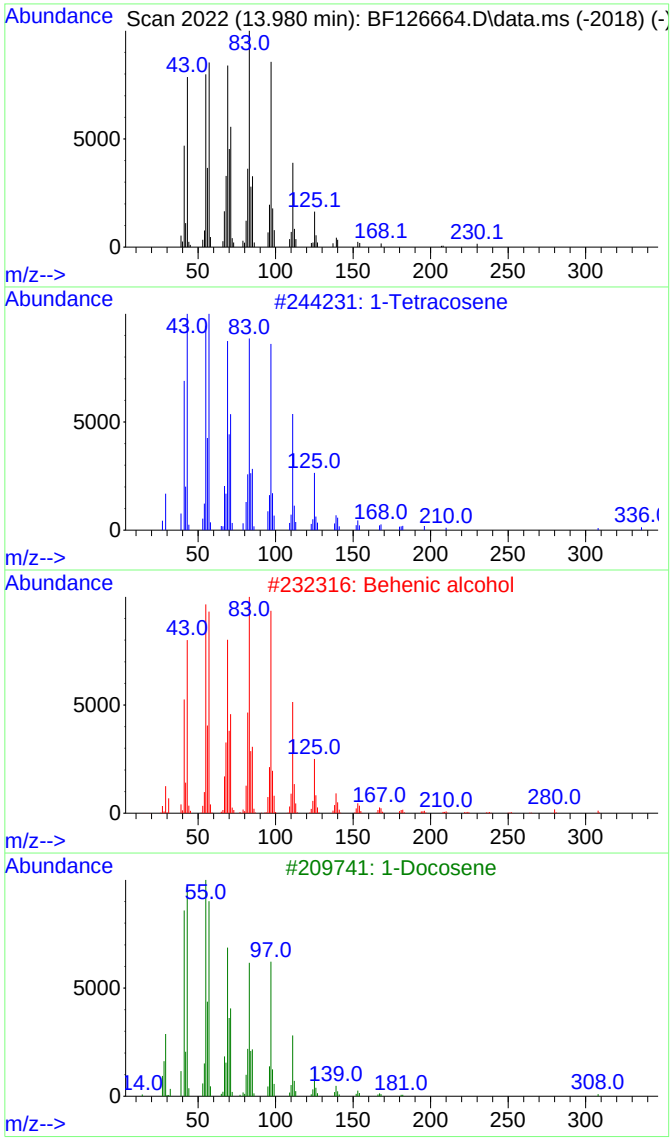
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

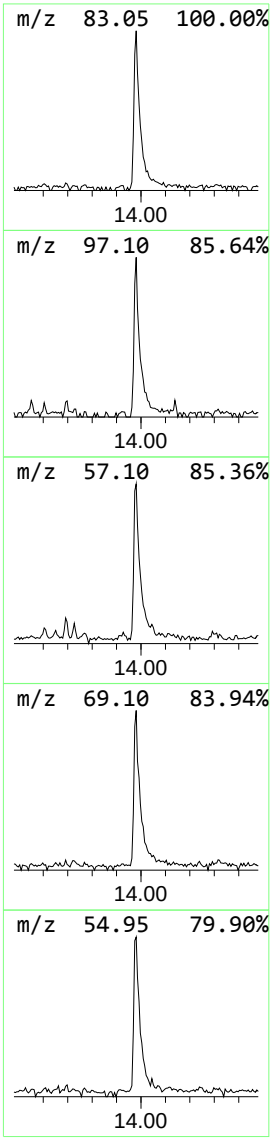
****

Peak Number 2 1-Tetracosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.980	9.67 ng	317638	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	91
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	1-Docosene	308	C22H44	001599-67-3	90
4	1-Tricosene	322	C23H46	018835-32-0	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126664.D
Acq On : 25 Jan 2022 15:36
Operator : CG/JU
Sample : N1233-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT4743

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

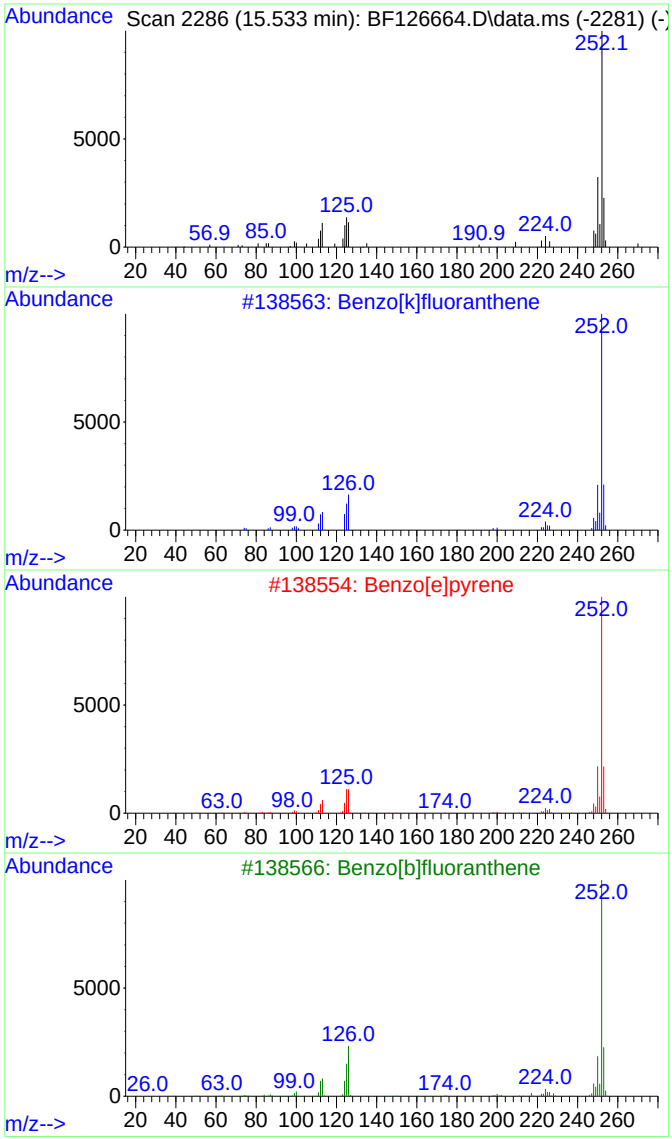
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

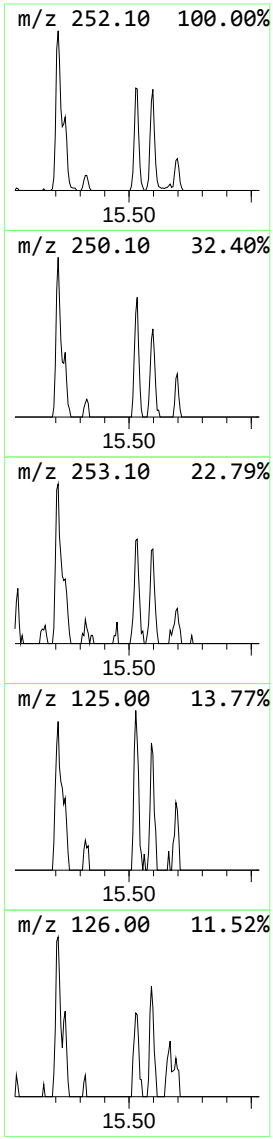
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	2.20 ng	71554	Perylene-d12	15.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126664.D
Acq On : 25 Jan 2022 15:36
Operator : CG/JU
Sample : N1233-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT4743

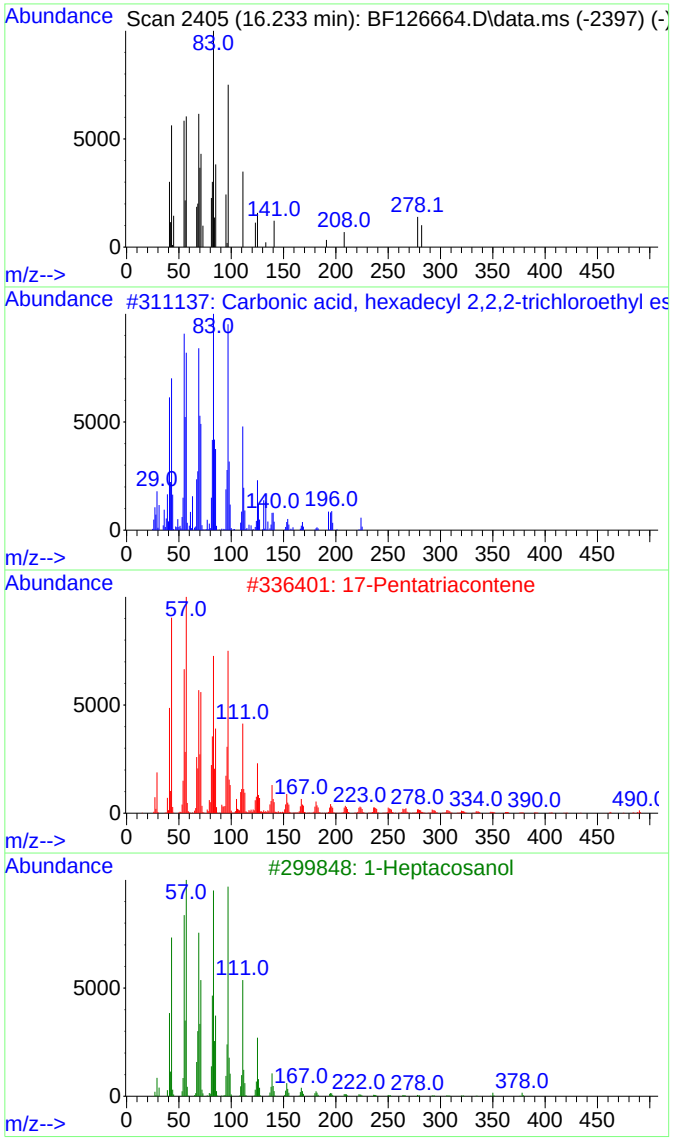
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

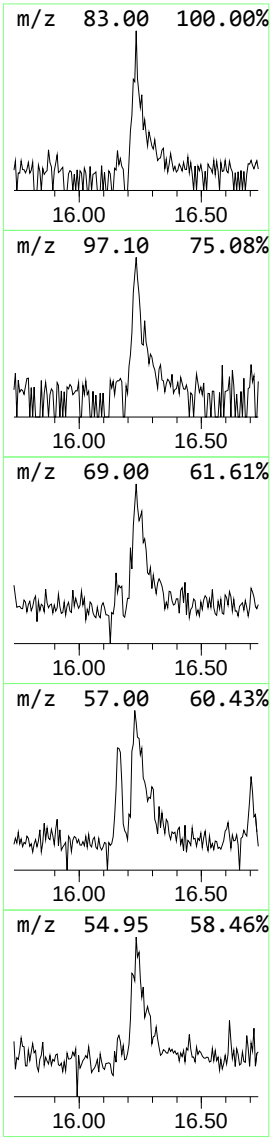
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Carbonic acid, hexadecyl 2,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	2.46 ng	80045	Perylene-d12	15.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	72
2	17-Pentatriacontene	491	C35H70	006971-40-0	53
3	1-Heptacosanol	396	C27H56O	002004-39-9	52
4	Octacosyl acetate	452	C30H60O2	018206-97-8	52
5	Methyl tetratriacontyl ether	509	C35H72O	1000406-30-1	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126664.D
Acq On : 25 Jan 2022 15:36
Operator : CG/JU
Sample : N1233-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT4743

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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
Butane, 2-metho...	2.304	11.6	ng	408342	1	6.963	705297	20.0
1-Tetracosene	13.980	9.7	ng	317638	5	14.139	656818	20.0
Benzo[e]pyrene	15.533	2.2	ng	71554	6	15.668	650367	20.0
Carbonic acid, ...	16.233	2.5	ng	80045	6	15.668	650367	20.0