LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115198.D
Acq On : 25 Jun 2019 20:11
Operator : HP/JU
Sample : K3155-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B11

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.449	422	427	434	rVB	90441	108321	2.52%	0.285%
2	4.778	479	483	490	rVB	33160	46235	1.08%	0.122%
3	5.207	551	556	559	rBV	3486957	3488232	81.22%	9.170%
4	6.243	727	732	735	rBV	3521396	3562838	82.96%	9.366%
5	6.278	735	738	746	rVB	93277	101574	2.37%	0.267%
6	6.378	750	755	758	rBV	3884289	3781701	88.06%	9.941%
7	6.607	791	794	798	rBV	1376302	1165011	27.13%	3.062%
8	6.766	817	821	824	rBV	3739817	3110494	72.43%	8.177%
9	7.166	884	889	892	rBV	2406469	2305800	53.69%	6.061%
10	7.889	1008	1012	1015	rBV	1690641	1375986	32.04%	3.617%
11	8.966	1190	1195	1210	rBV	4199716	4294608	100.00%	11.289%
12	9.360	1258	1262	1275	rBV	424957	474030	11.04%	1.246%
13	9.636	1304	1309	1325	rBV	1348060	1357091	31.60%	3.567%
14	10.413	1437	1441	1457	rBV	2431739	2232163	51.98%	5.868%
15	11.107	1555	1559	1562	rBV	1585496	1344875	31.32%	3.535%
16	11.654	1647	1652	1661	rBV3	36959	85705	2.00%	0.225%
17	12.436	1781	1785	1799	rBV2	109145	234633	5.46%	0.617%
18	12.689	1824	1828	1831	rBV	4753265	4197741	97.74%	11.035%
19	13.613	1983	1985	1991	rVB2	61549	63280	1.47%	0.166%
20	13.724	2000	2004	2011	rBV	1716591	1640230	38.19%	4.312%
21	13.930	2035	2039	2042	rBV	90950	92730	2.16%	0.244%
22	14.236	2087	2091	2094	rBV	132310	130408	3.04%	0.343%
23	14.530	2137	2141	2145	rBV	222735	220038	5.12%	0.578%
24	14.824	2188	2191	2196	rBV	243889	264909	6.17%	0.696%
25	15.089	2231	2236	2244	rBV	1396254	1587578	36.97%	4.173%
26	15.160	2244	2248	2257	rVB	239919	312051	7.27%	0.820%
27	15.542	2309	2313	2319	rBV	173564	252287	5.87%	0.663%
28	15.983	2384	2388	2397	rVB2	91698	149757	3.49%	0.394%
29	16.495	2473	2475	2482	rVB2	42653	61098	1.42%	0.161%

Sum of corrected areas: 38041404

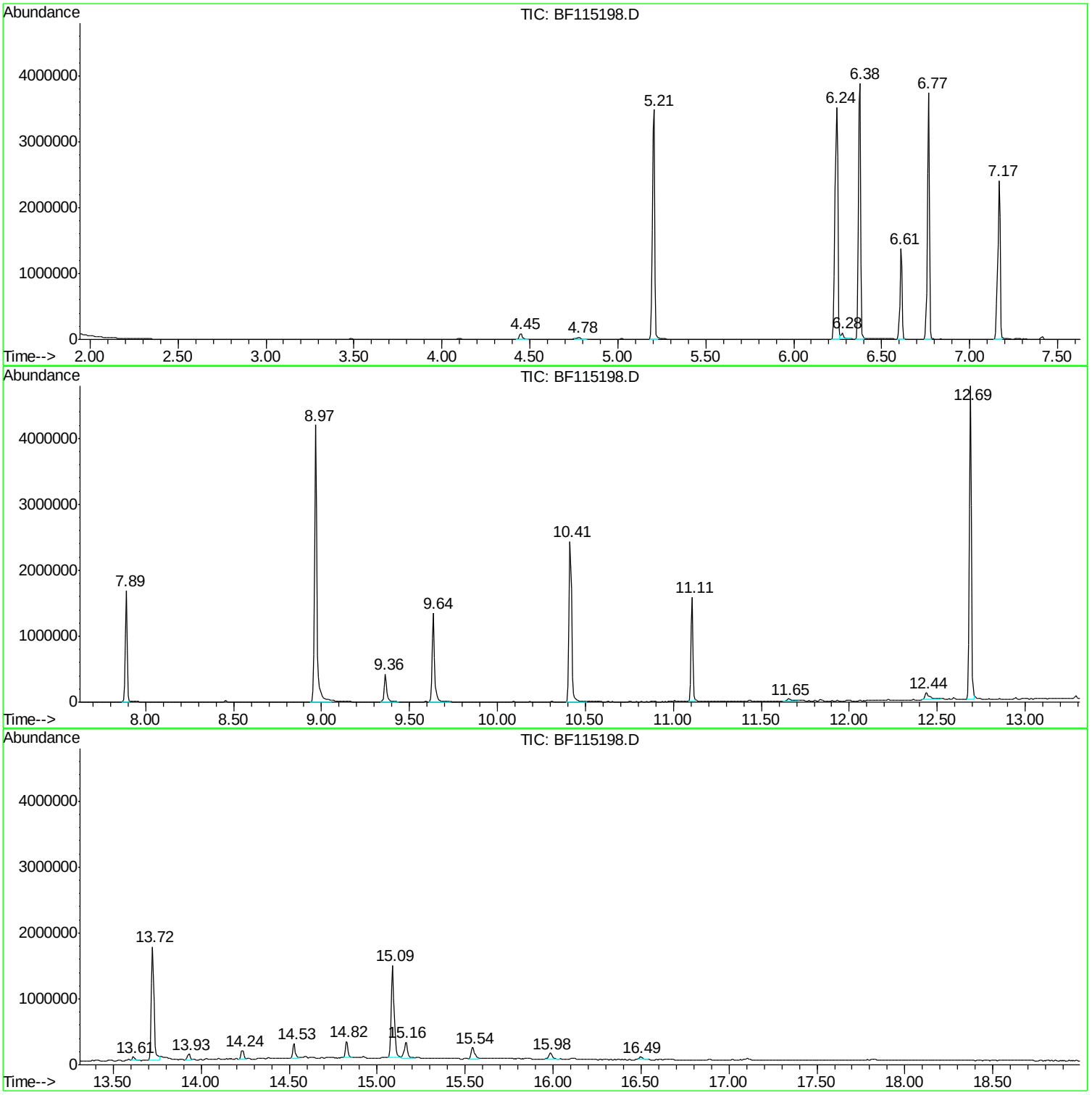
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115198.D
Acq On : 25 Jun 2019 20:11
Operator : HP/JU
Sample : K3155-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115198.D
Acq On : 25 Jun 2019 20:11
Operator : HP/JU
Sample : K3155-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

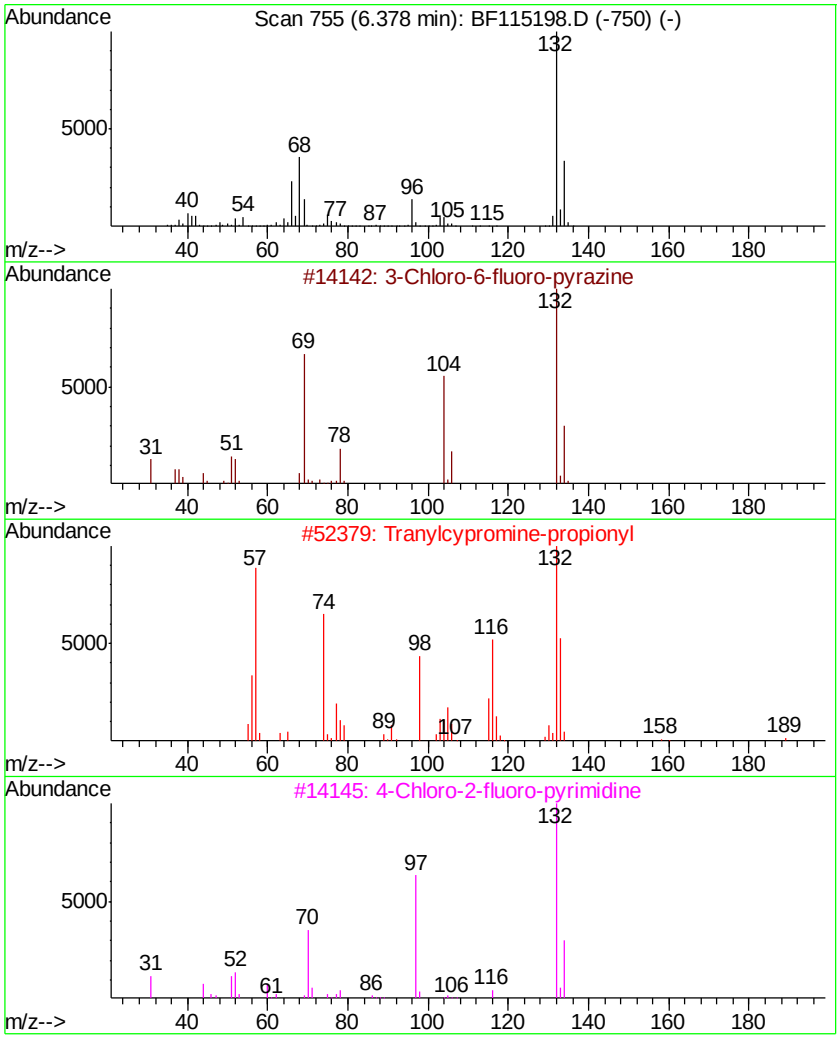
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

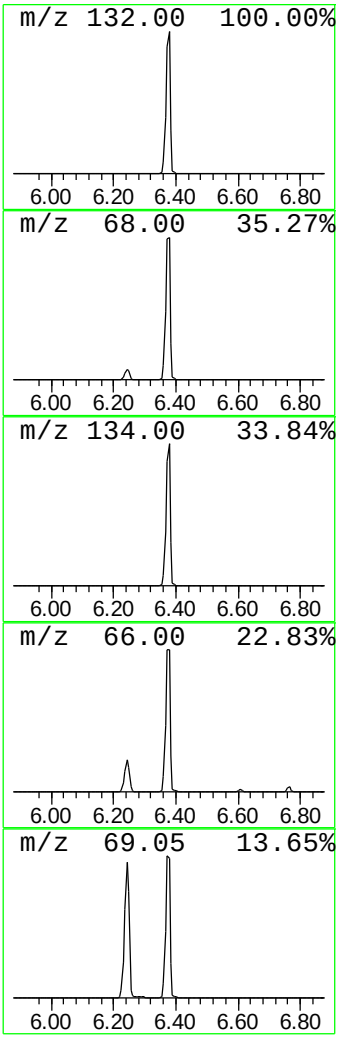
****

Peak Number 1 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	64.92 ng	3781700	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115198.D
Acq On : 25 Jun 2019 20:11
Operator : HP/JU
Sample : K3155-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

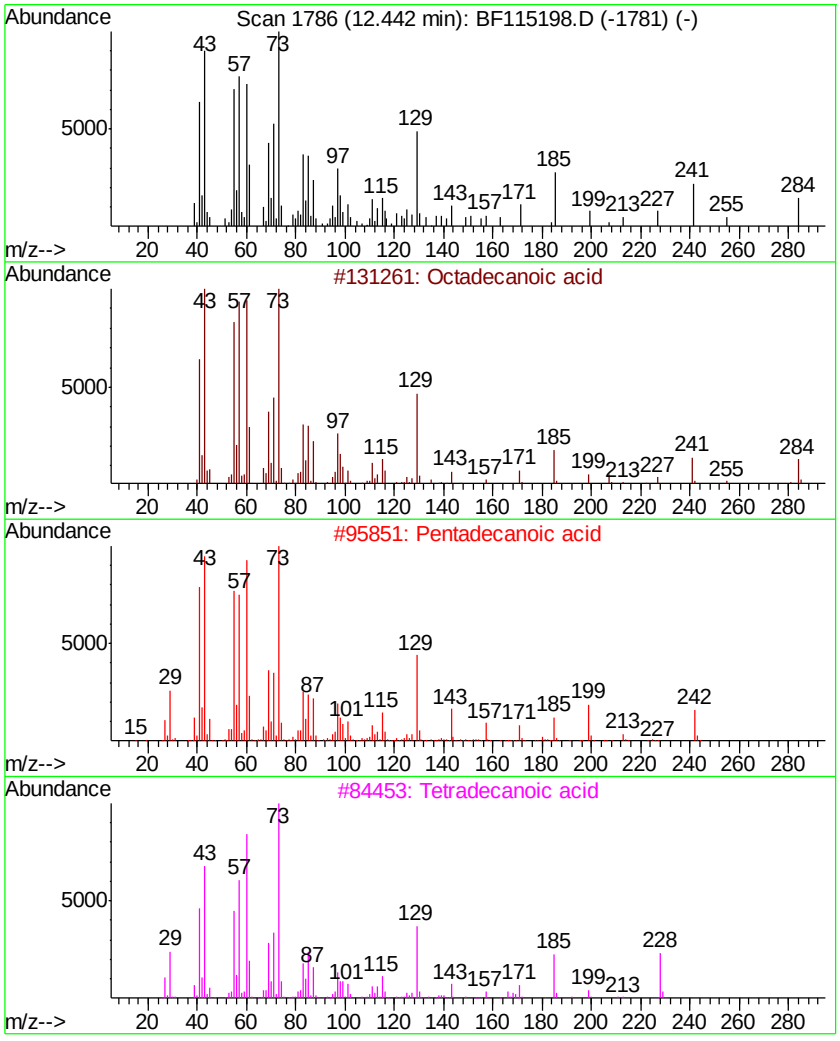
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

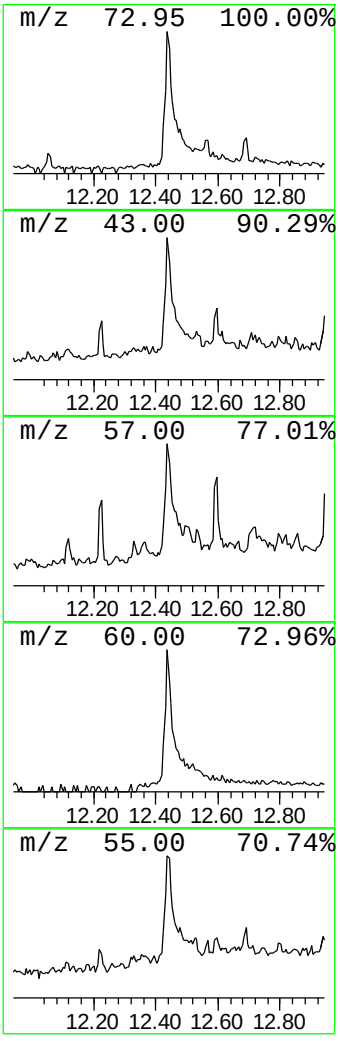
****

Peak Number 3 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.86 ng	234633	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115198.D
Acq On : 25 Jun 2019 20:11
Operator : HP/JU
Sample : K3155-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

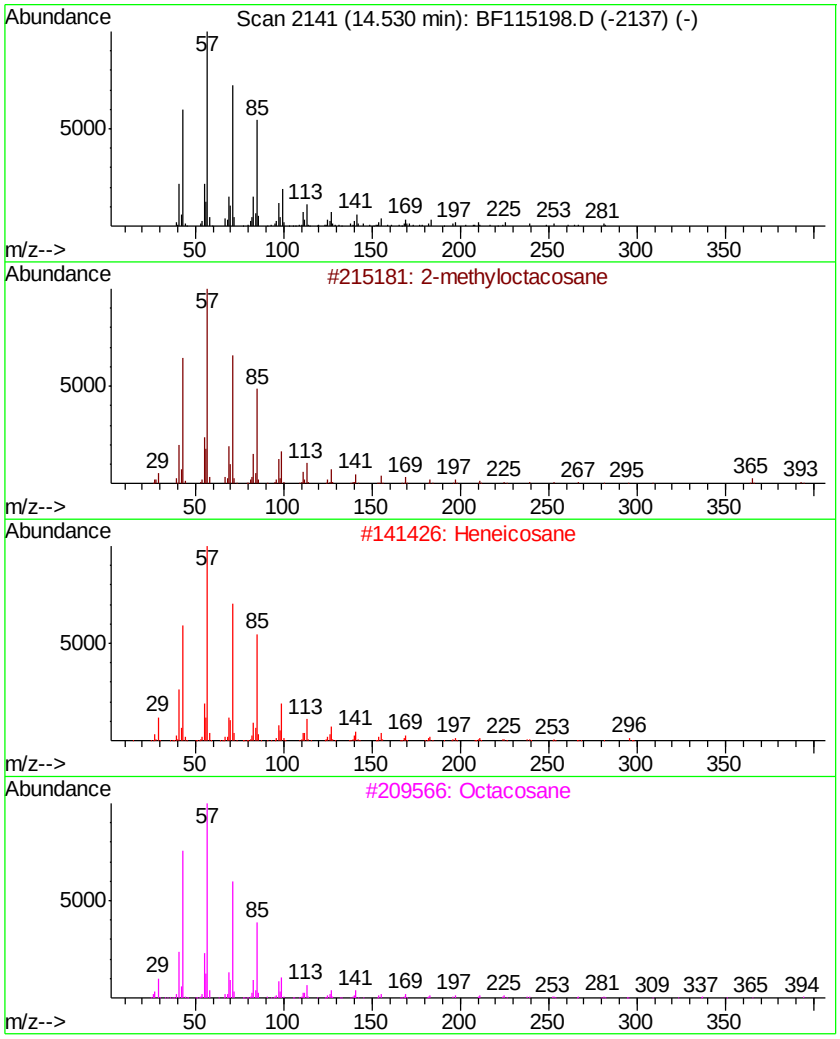
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

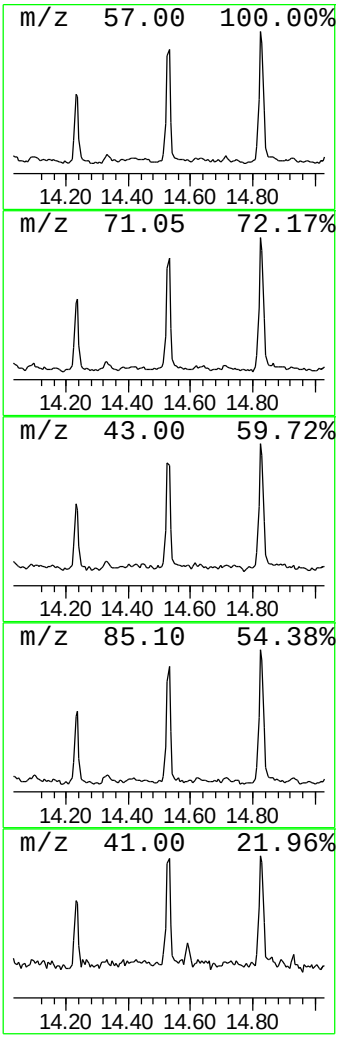
****

Peak Number 4 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.77 ng	220038	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115198.D
Acq On : 25 Jun 2019 20:11
Operator : HP/JU
Sample : K3155-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

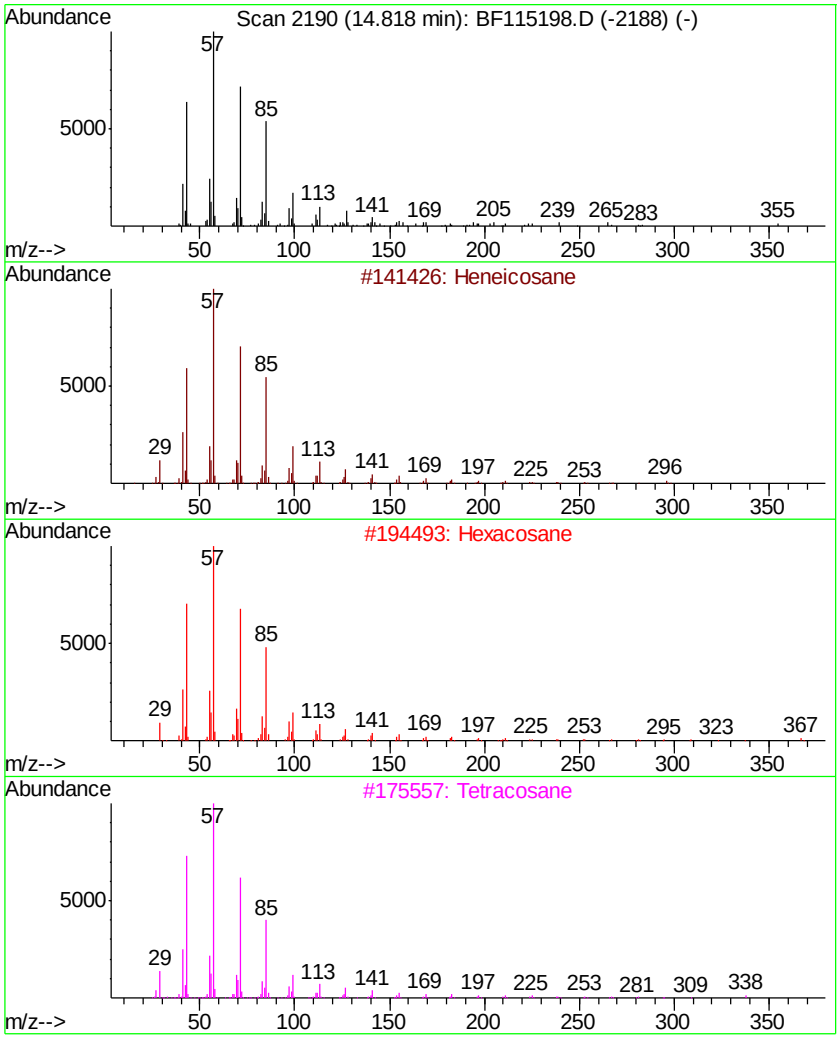
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

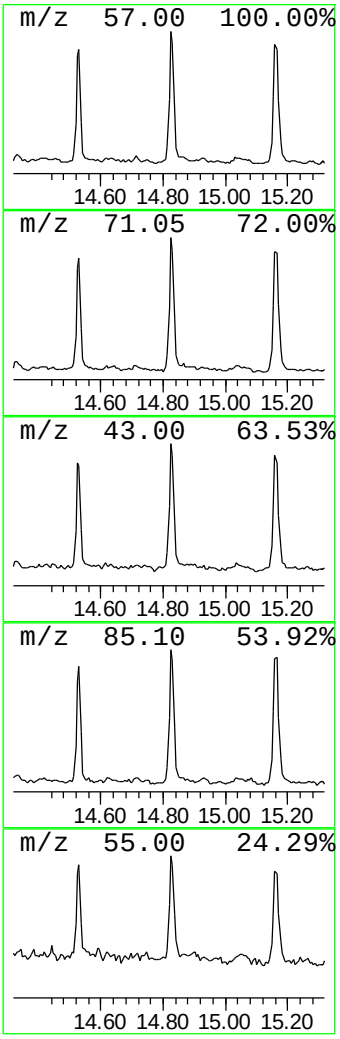
****

Peak Number 5 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.34 ng	264909	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115198.D
Acq On : 25 Jun 2019 20:11
Operator : HP/JU
Sample : K3155-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

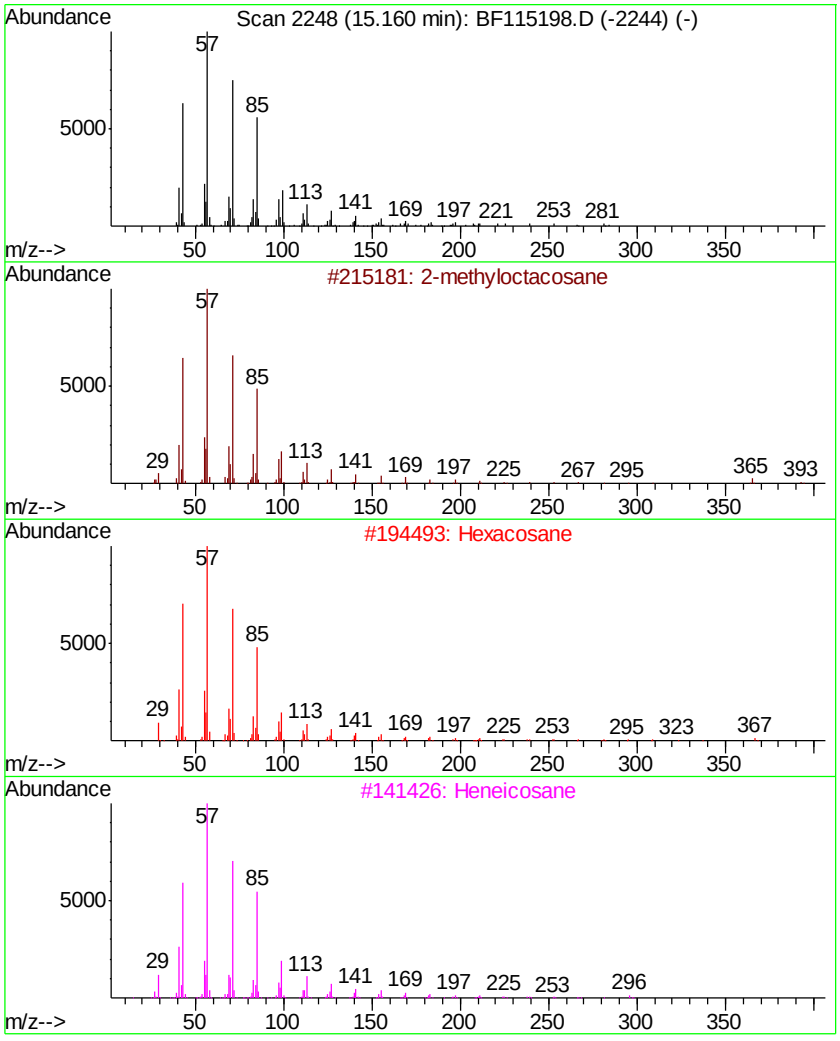
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

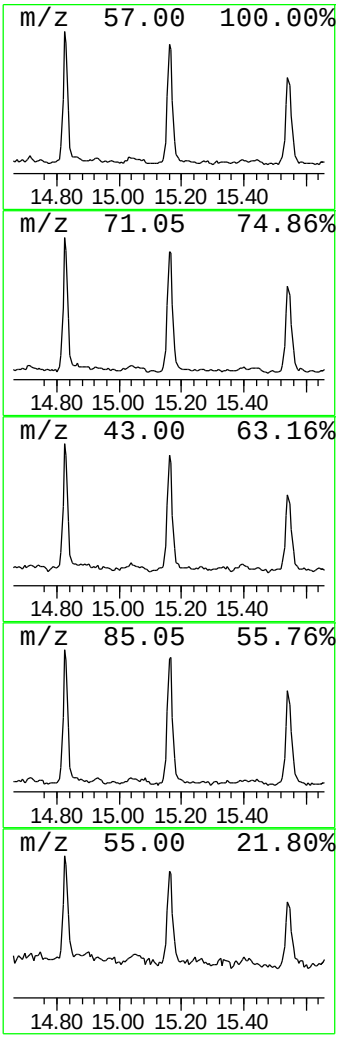
****

Peak Number 6 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.93 ng	312051	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115198.D
Acq On : 25 Jun 2019 20:11
Operator : HP/JU
Sample : K3155-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

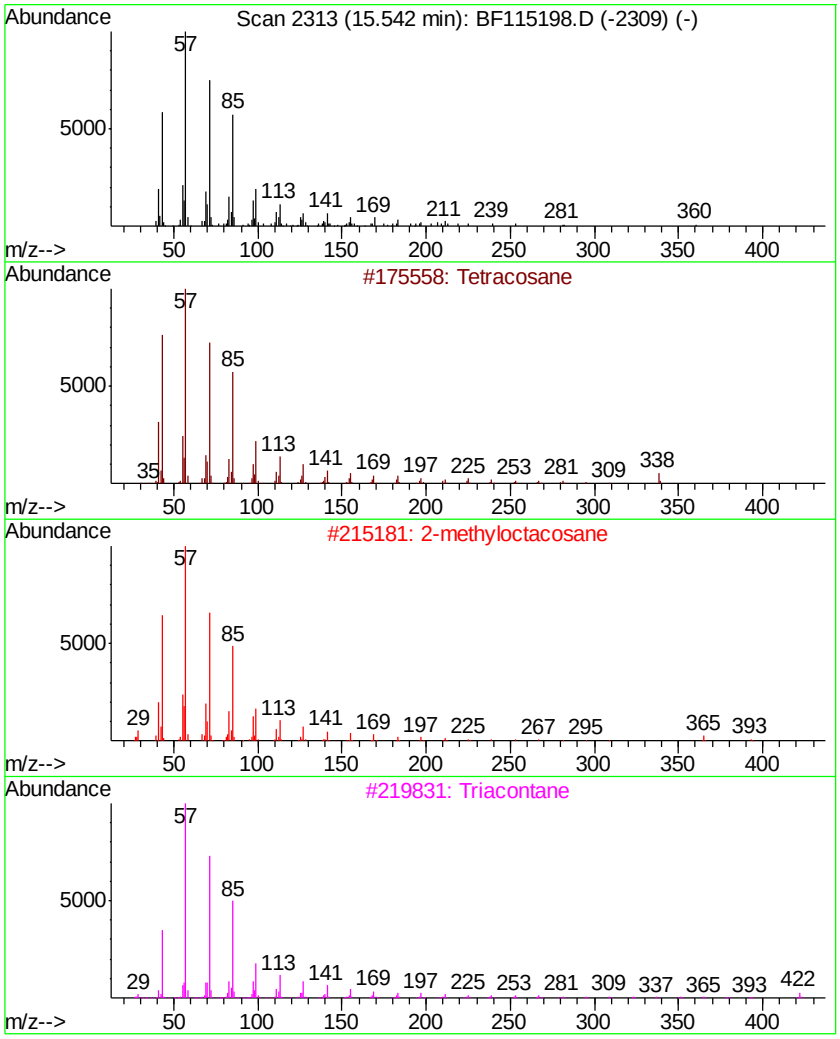
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

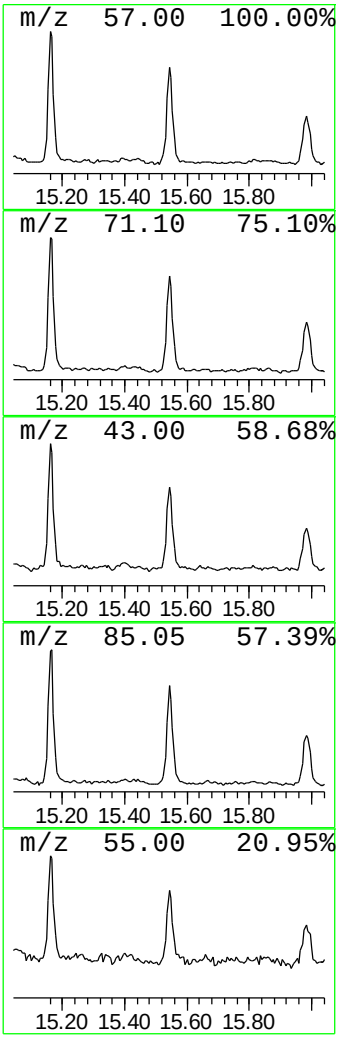
****

Peak Number 7 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	3.18 ng	252287	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
Data File : BF115198.D
Acq On : 25 Jun 2019 20:11
Operator : HP/JU
Sample : K3155-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown6.38	6.38	64.9	ng	3781700	1	6.61	1165010	20.0
Octadecanoic acid	12.44	2.9	ng	234633	5	13.72	1640230	20.0
2-methyloctacosane	14.53	2.8	ng	220038	6	15.09	1587580	20.0
Heneicosane	14.82	3.3	ng	264909	6	15.09	1587580	20.0
Hexacosane	15.16	3.9	ng	312051	6	15.09	1587580	20.0
Tetracosane	15.54	3.2	ng	252287	6	15.09	1587580	20.0