LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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-BF073019.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	5.463	570	574	613	rBV	1596169	2324622	75.15%	6.799%
2	6.475	742	746	765	rBV	2281846	2586685	83.62%	7.566%
3	6.610	765	769	787	rVB	2713217	2411774	77.97%	7.054%
4	6.840	804	808	817	rBV	715572	660252	21.34%	1.931%
5	6.992	830	834	851	rBV	1930457	1689249	54.61%	4.941%
6	7.398	899	903	921	rBV	1522879	1511390	48.86%	4.421%
7	8.116	1022	1025	1046	rBV	830307	854647	27.63%	2.500%
8	9.186	1204	1207	1219	rBV	2530316	2564504	82.90%	7.501%
9	9.586	1272	1275	1285	rBV	124994	136357	4.41%	0.399%
10	9.869	1319	1323	1333	rBV	1086087	1023949	33.10%	2.995%
11	10.663	1454	1458	1474	rBV	1475573	1698641	54.91%	4.968%
12	11.357	1572	1576	1585	rBV	1110821	1086410	35.12%	3.178%
13	11.427	1585	1588	1594	rVB3	31654	35568	1.15%	0.104%
14	11.880	1660	1665	1686	rBV	251778	471191	15.23%	1.378%
15	12.592	1780	1786	1789	rBV6	17929	38459	1.24%	0.112%
16	12.663	1793	1798	1811	rVV	380042	647636	20.94%	1.894%
17	12.939	1841	1845	1848	rBV	3338643	3093378	100.00%	9.048%
18	13.504	1938	1941	1944	rVB2	54000	45444	1.47%	0.133%
19	13.833	1993	1997	1998	rBV	78768	70724	2.29%	0.207%
20	13.857	1998	2001	2014	rVB	116720	257326	8.32%	0.753%
21	13.998	2021	2025	2034	rBV	1018474	1078724	34.87%	3.155%
22	14.145	2046	2050	2055	rBV	175098	182137	5.89%	0.533%
23	14.451	2098	2102	2108	rBV	511753	484626	15.67%	1.417%
24	14.757	2148	2154	2162	rBV	1054192	1182507	38.23%	3.459%
25	14.827	2163	2166	2171	rVB	184121	172814	5.59%	0.505%
26	14.915	2175	2181	2186	rBV7	22126	53632	1.73%	0.157%
27	15.086	2204	2210	2219	rVB	1424758	1808789	58.47%	5.290%
28	15.315	2245	2249	2251	rBV	38386	53080	1.72%	0.155%
29	15.339	2251	2253	2260	rVB5	39380	57896	1.87%	0.169%
30	15.463	2267	2274	2294	rVB	2035172	2939523	95.03%	8.598%
31	15.721	2313	2318	2322	rVB	42735	63650	2.06%	0.186%
32	15.886	2339	2346	2359	rBV	1069155	1730657	55.95%	5.062%
33	16.186	2394	2397	2401	rBV3	17814	32265	1.04%	0.094%
34	16.380	2423	2430	2438	rBV	455923	875091	28.29%	2.560%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.962	2523	2529	2541	rVB2	101406	217396	7.03%	0.636%
36	17.645	2641	2645	2652	rVB4	22608	48812	1.58%	0.143%

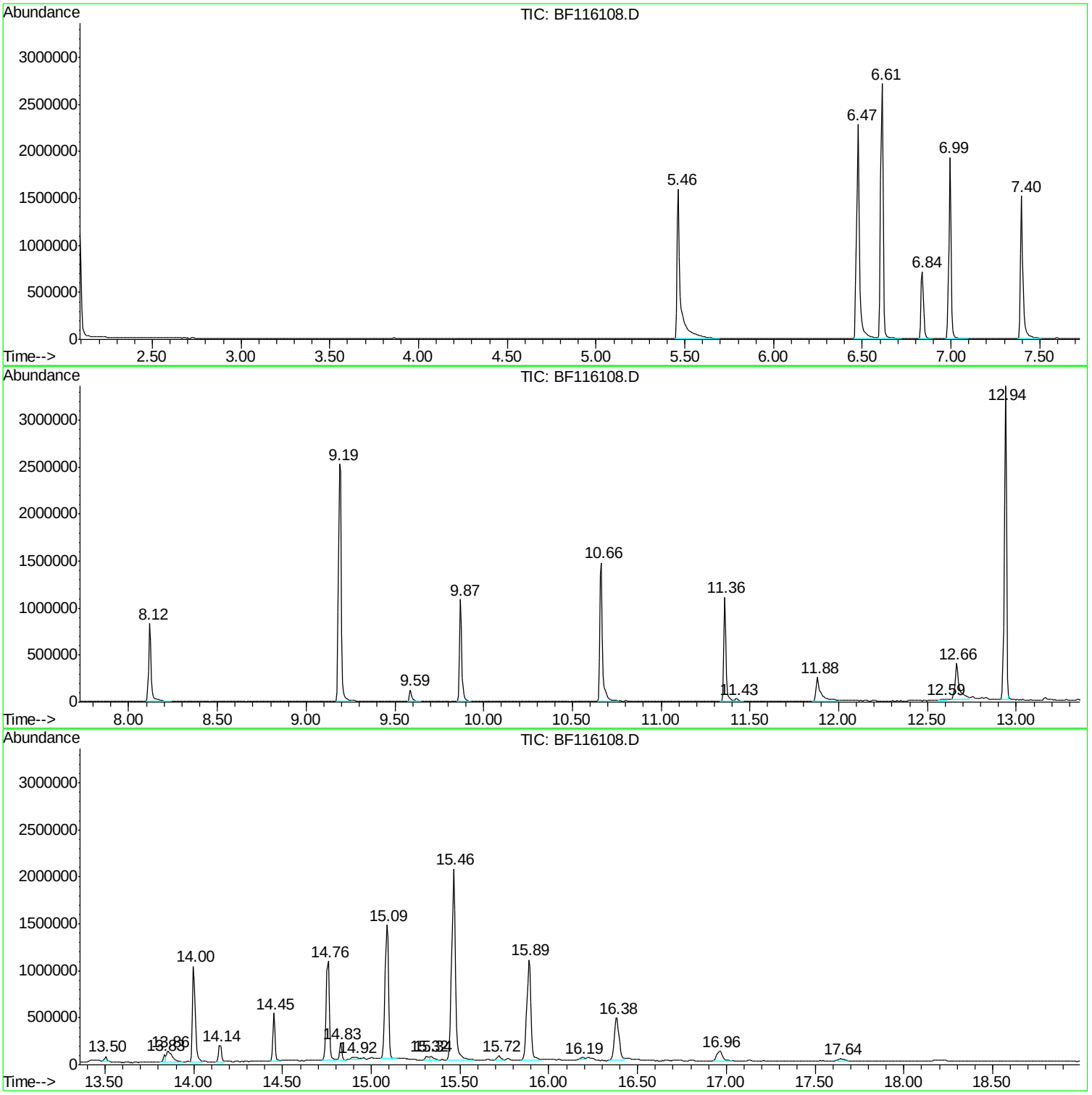
Sum of corrected areas: 34189805

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

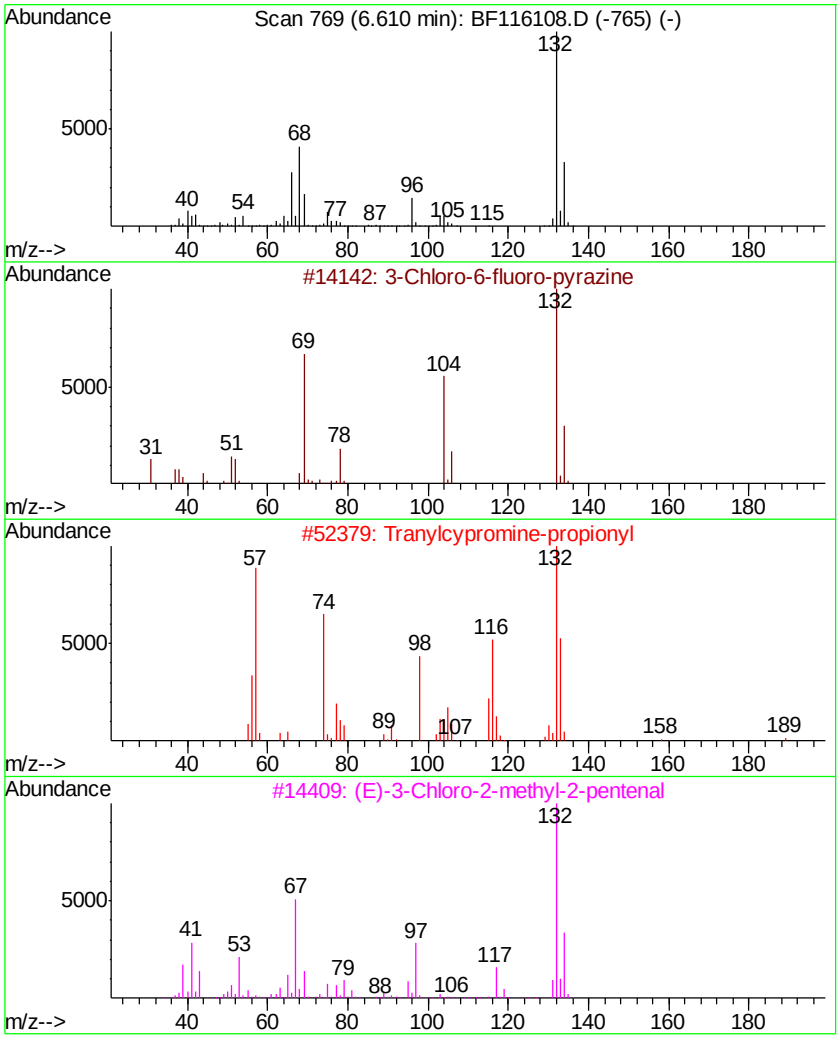
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

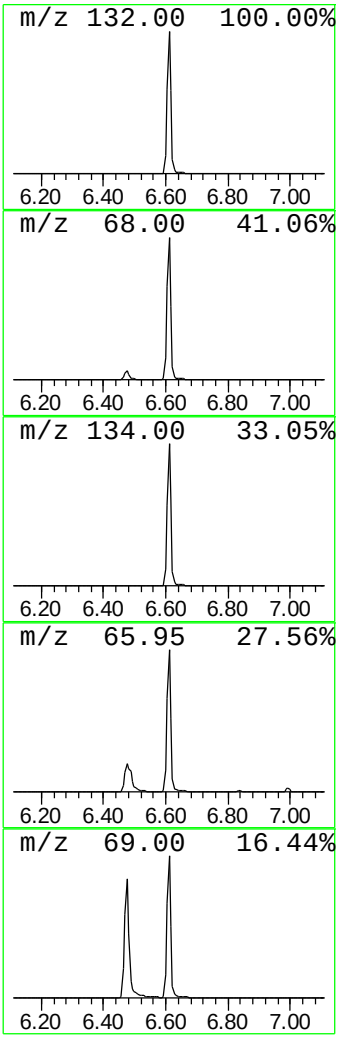
****

Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	73.06 ng	2411770	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

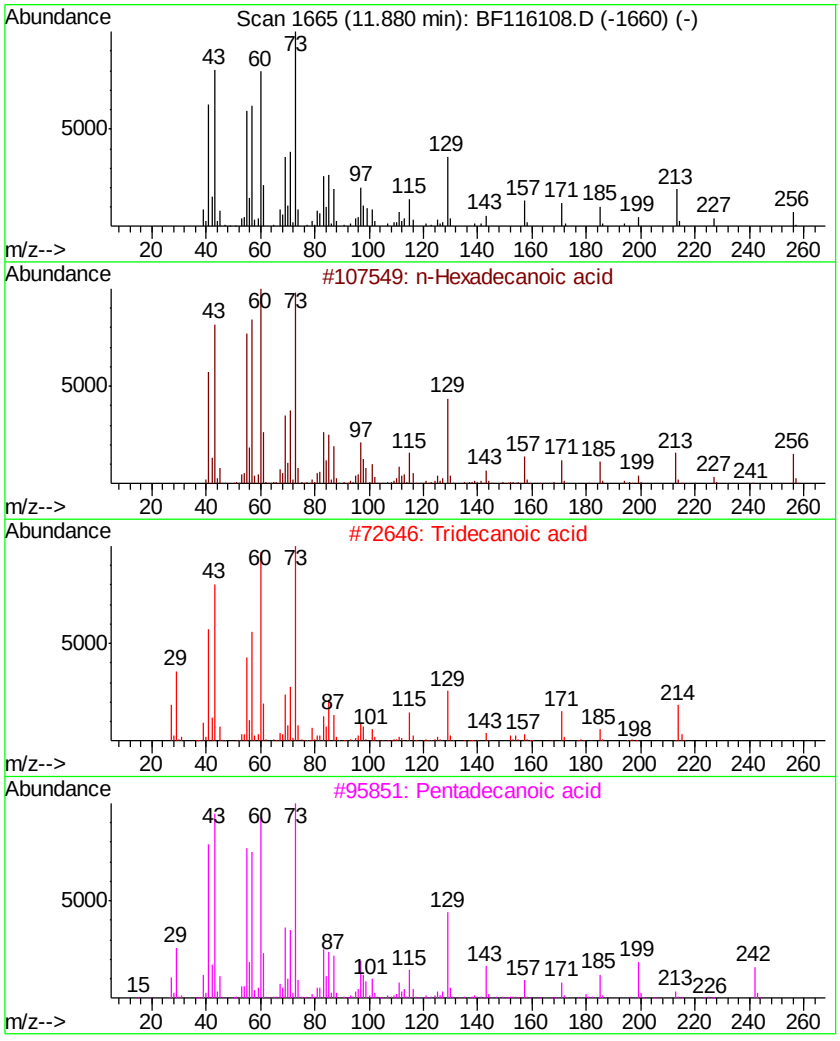
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

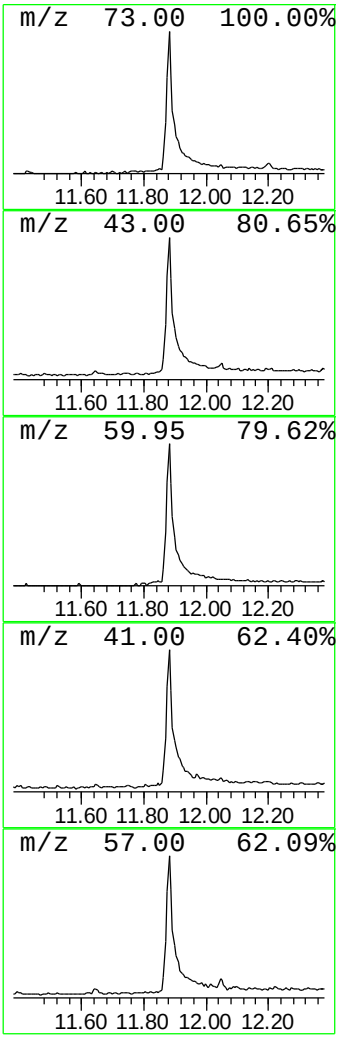
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	8.67 ng	471191	Phenanthrene-d10	11.36

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	20





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

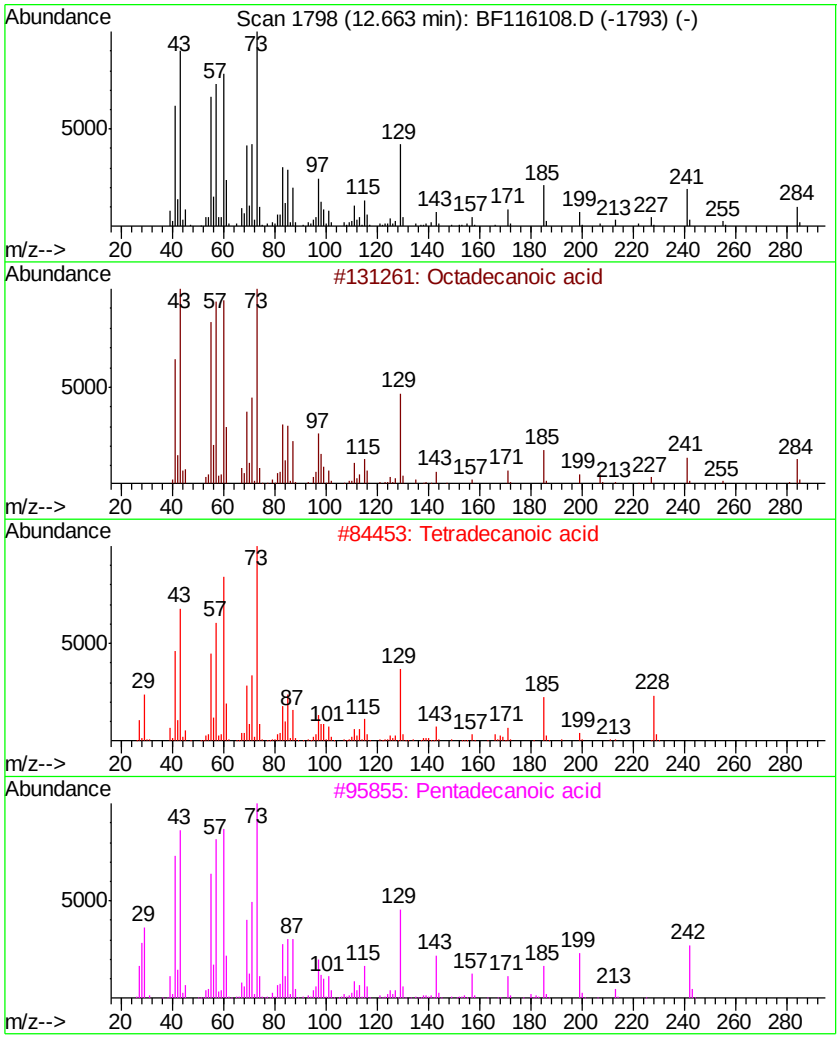
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

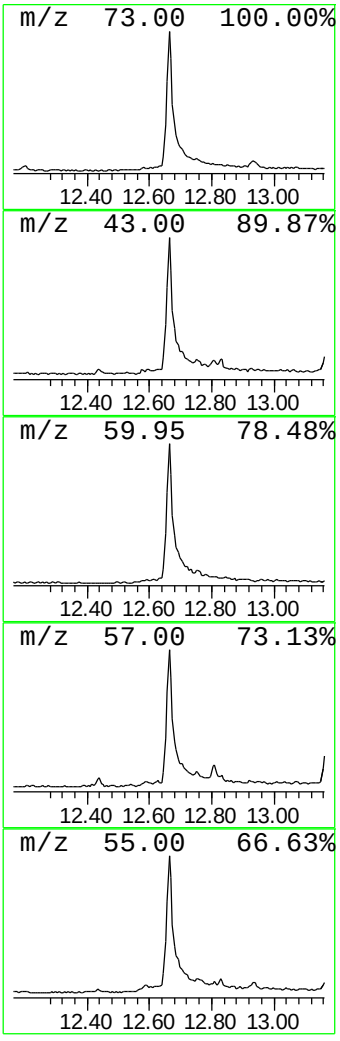
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	11.92 ng	647636	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

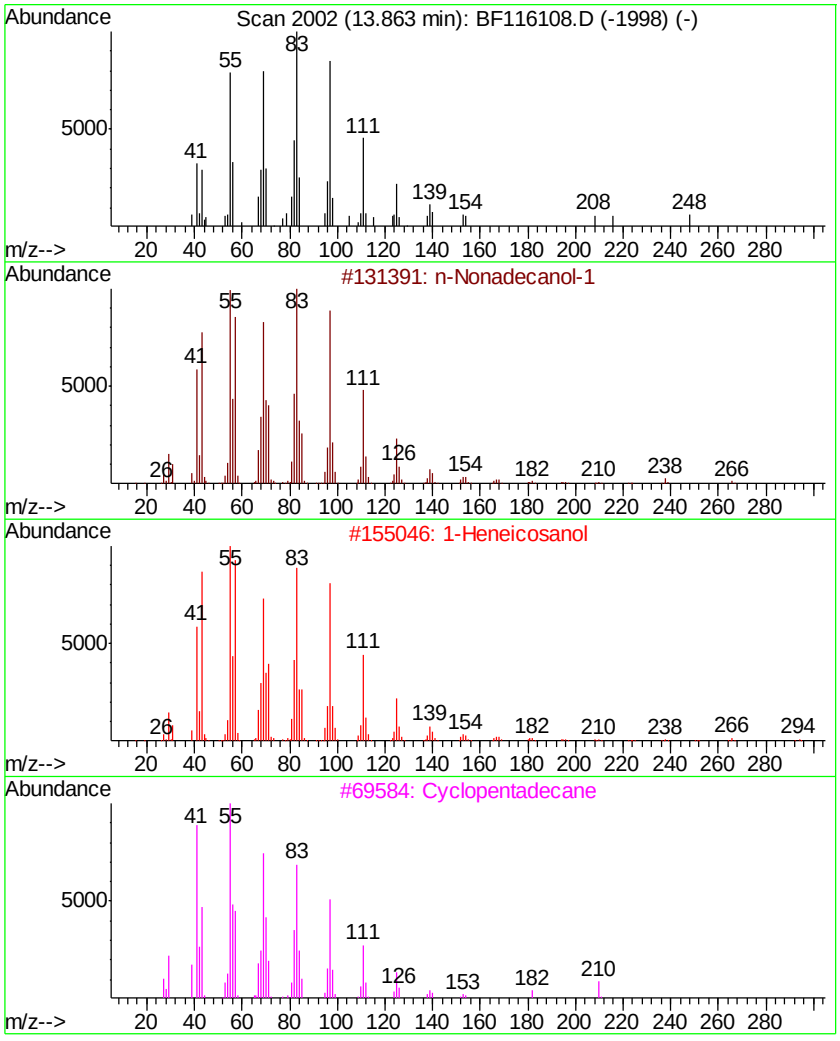
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

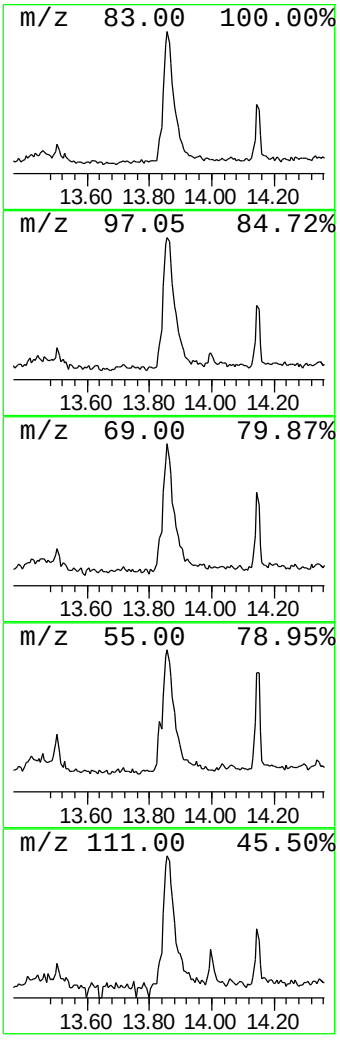
****

Peak Number 5 n-Nonadecanol-1 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.77 ng	257326	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	58
2	1-Heneicosanol	312	C21H44O	015594-90-8	58
3	Cyclopentadecane	210	C15H30	000295-48-7	50
4	Behenic alcohol	326	C22H46O	000661-19-8	49
5	2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

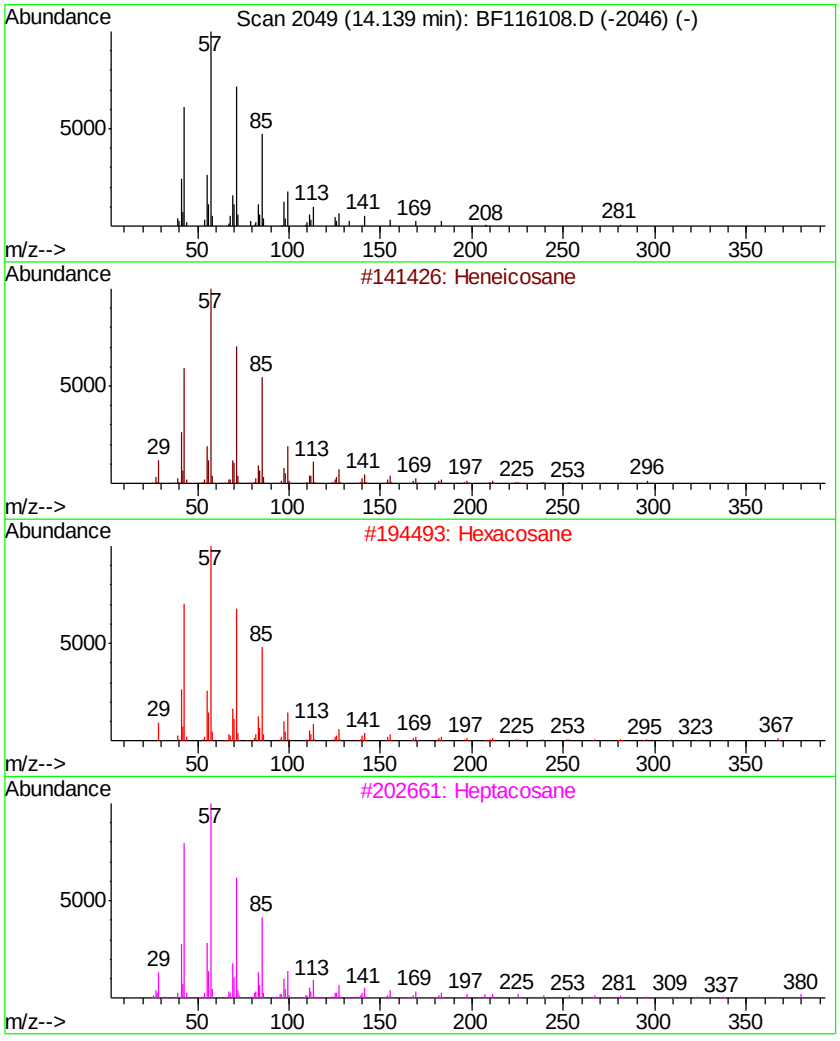
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

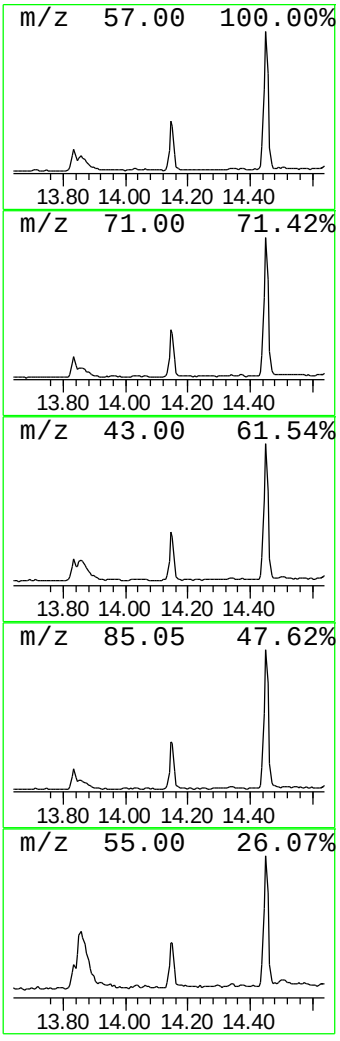
****

Peak Number 6 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	3.38 ng	182137	Chrysene-d12	14.00

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	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

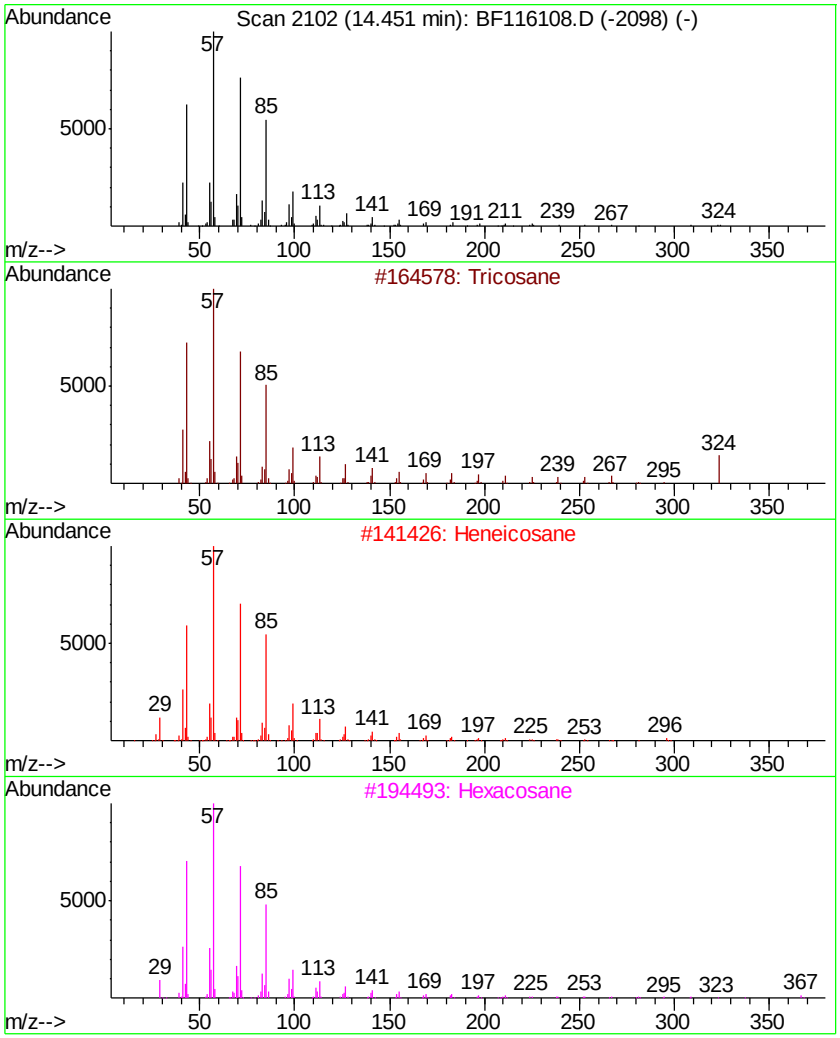
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

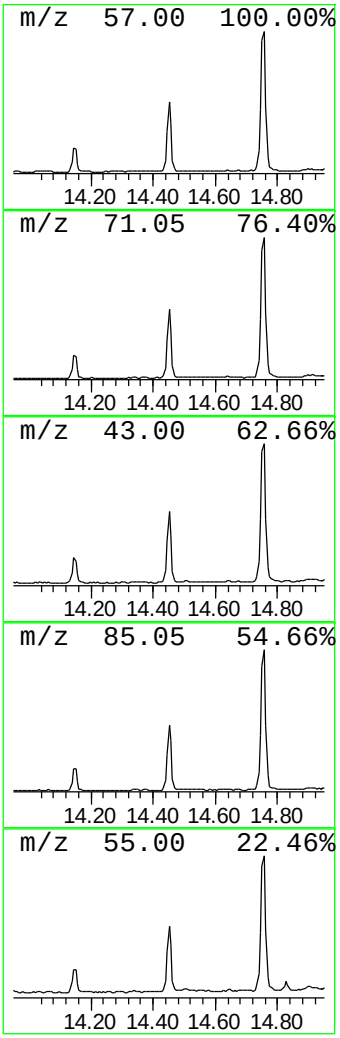
****

Peak Number 7 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	8.99 ng	484626	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

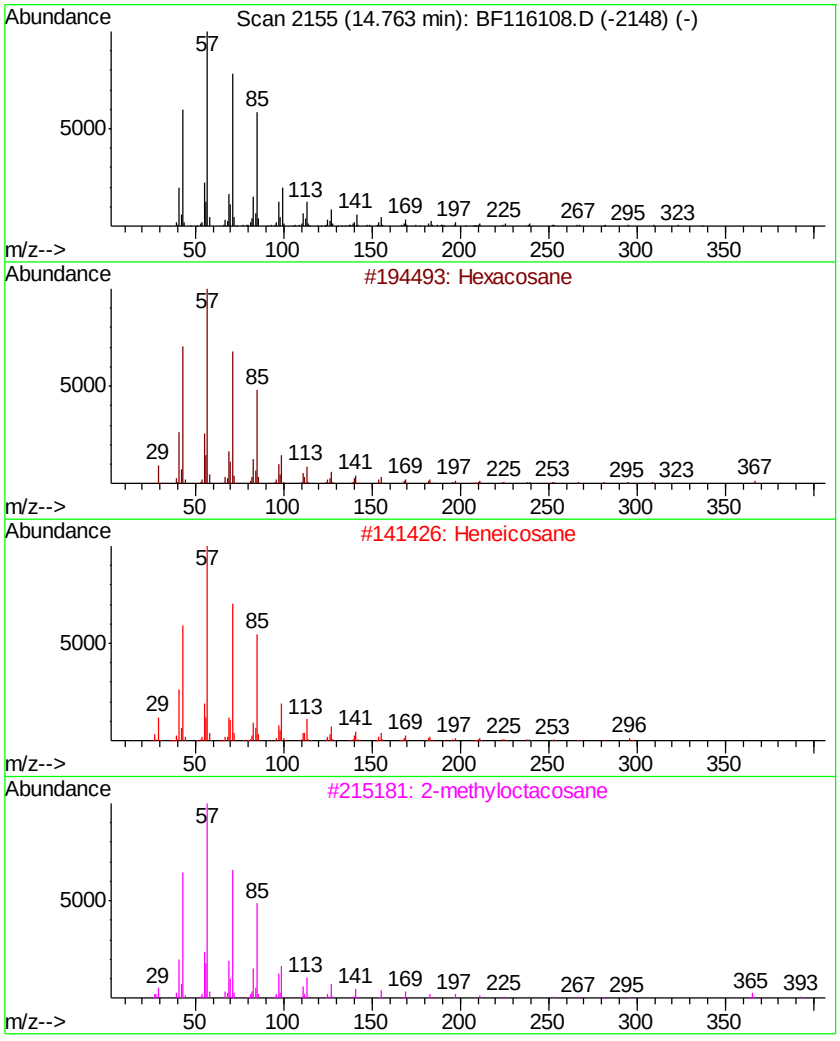
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

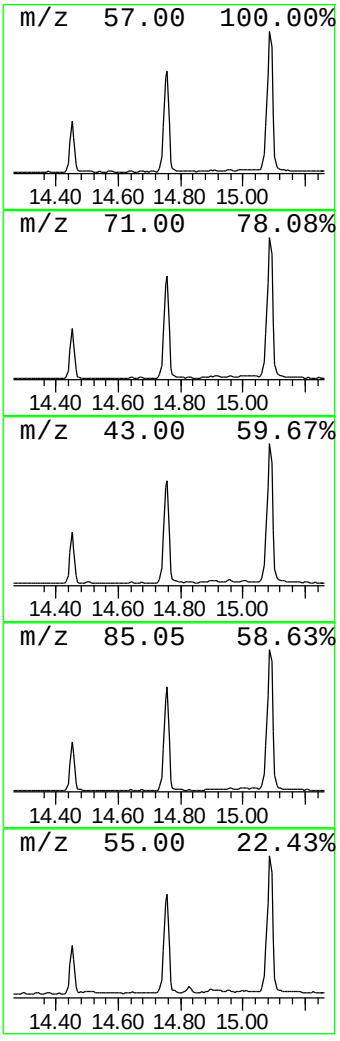
****

Peak Number 8 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	8.05 ng	1182510	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

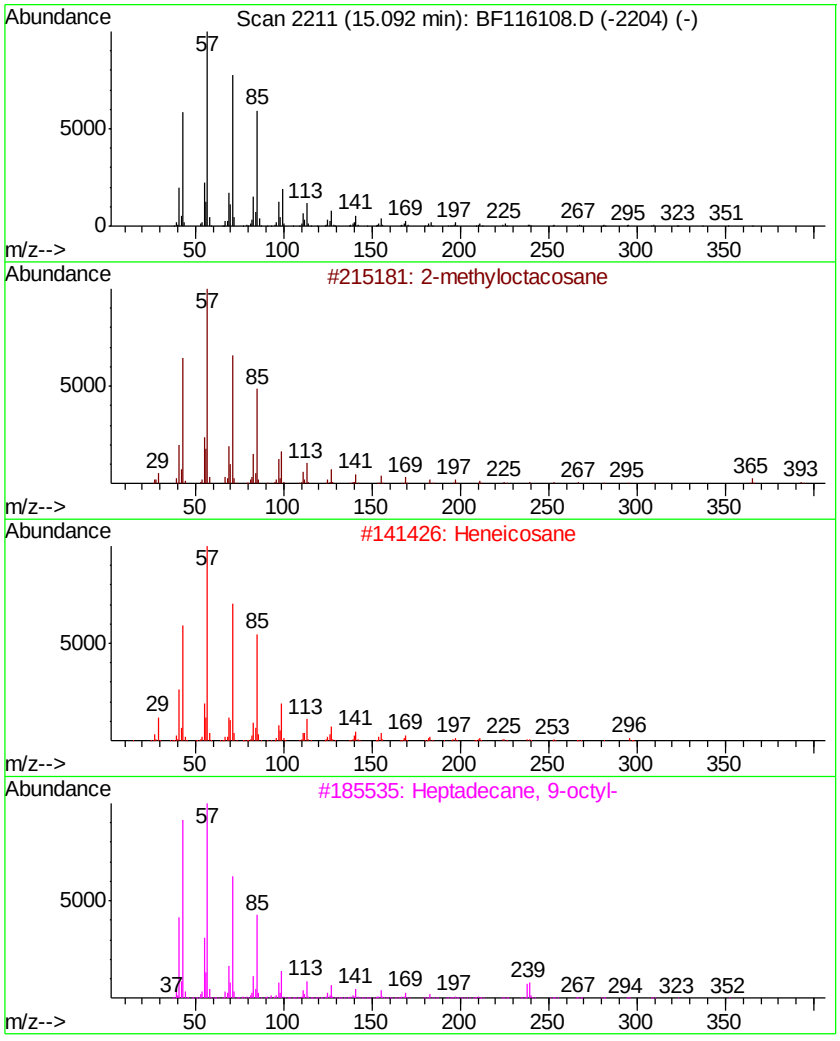
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

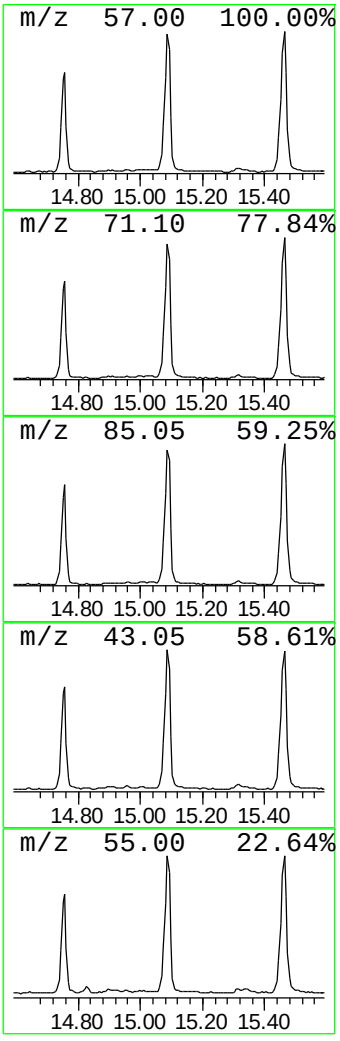
****

Peak Number 9 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	12.31 ng	1808790	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

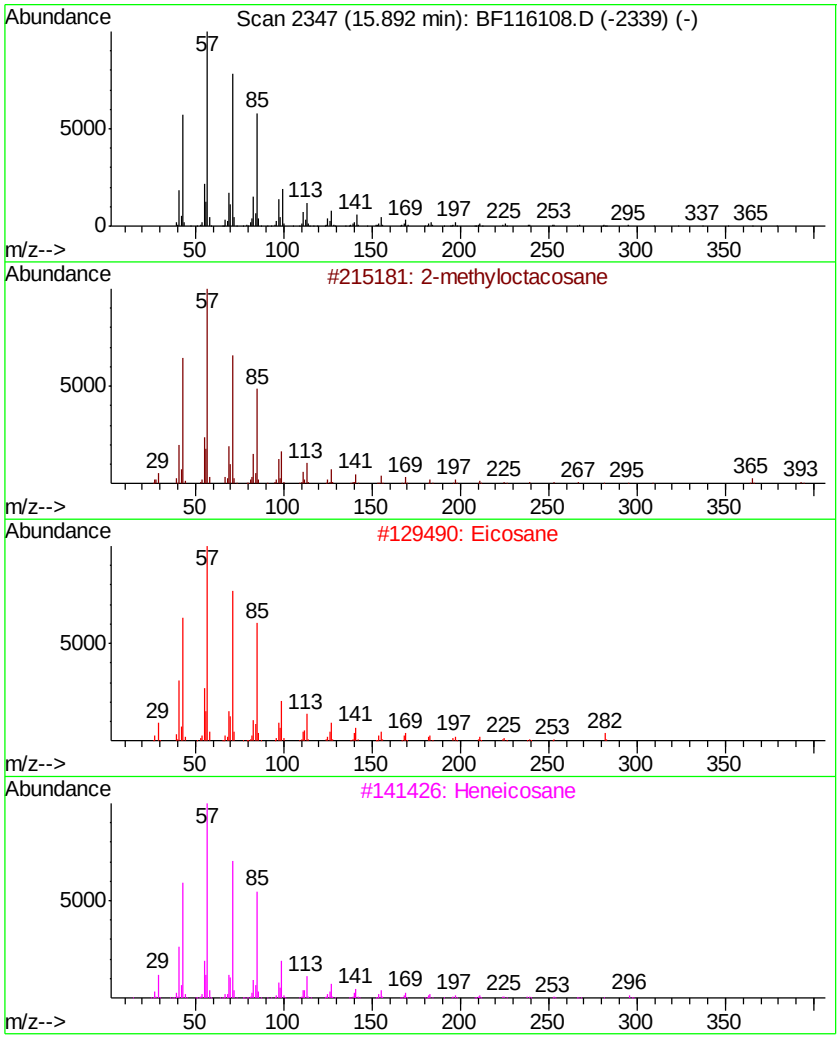
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

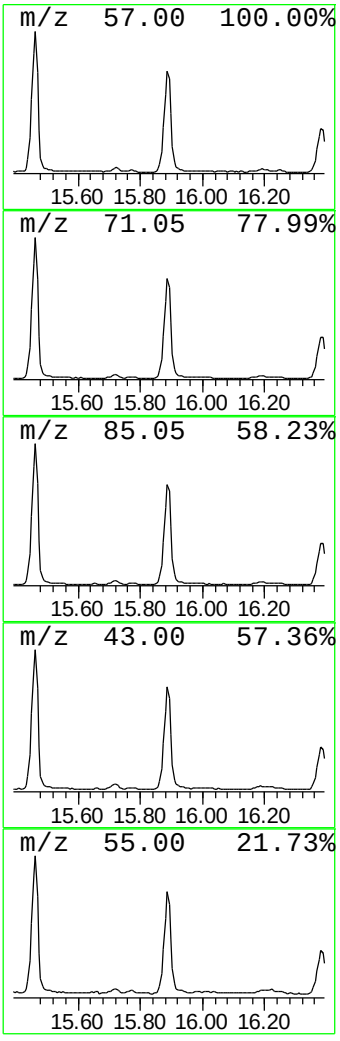
****

Peak Number 10 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	11.78 ng	1730660	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

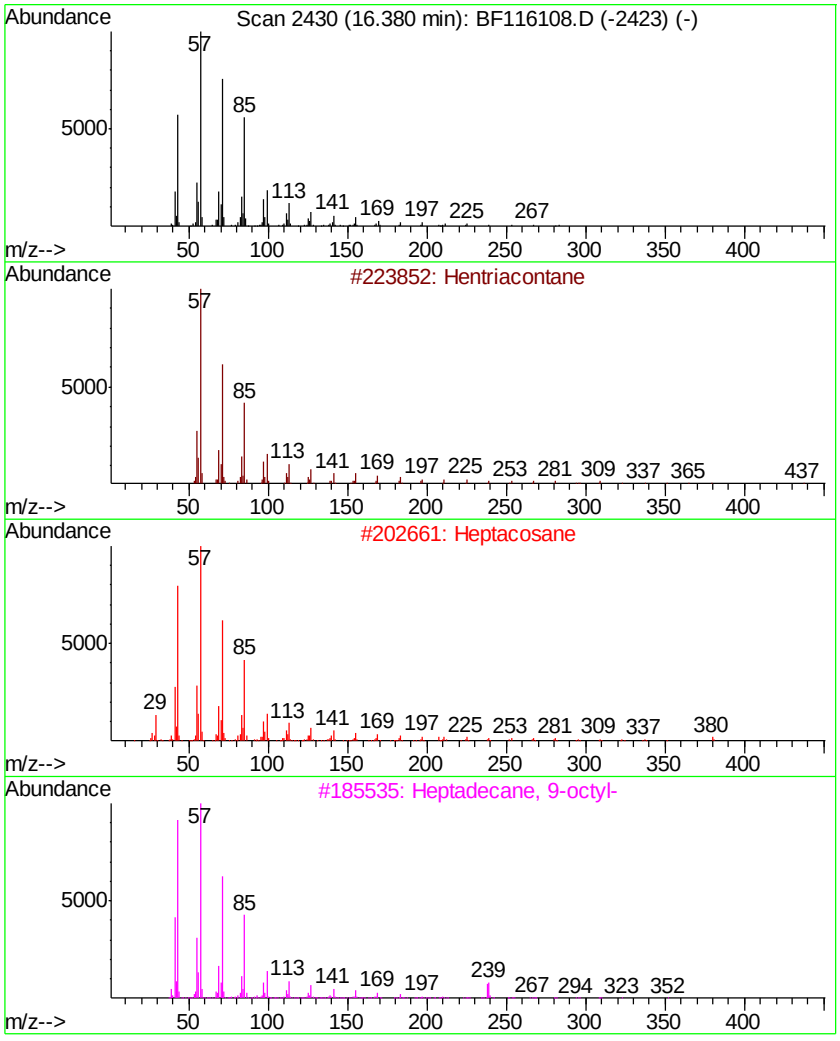
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

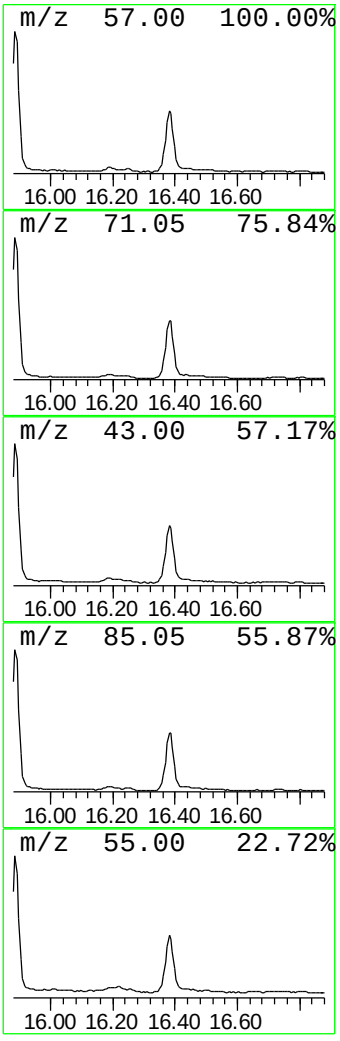
****

Peak Number 11 Hentriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	5.95 ng	875091	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.61	6.61	73.1	ng	2411770	1	6.84	660252	20.0
n-Hexadecanoic acid	11.88	8.7	ng	471191	4	11.36	1086410	20.0
Octadecanoic acid	12.66	11.9	ng	647636	4	11.36	1086410	20.0
n-Nonadecanol-1	13.86	4.8	ng	257326	5	14.00	1078720	20.0
Heneicosane	14.14	3.4	ng	182137	5	14.00	1078720	20.0
Tricosane	14.45	9.0	ng	484626	5	14.00	1078720	20.0
Hexacosane	14.76	8.1	ng	1182510	6	15.46	2939520	20.0
2-methyloctacosane	15.09	12.3	ng	1808790	6	15.46	2939520	20.0
Heptacosane	15.89	11.8	ng	1730660	6	15.46	2939520	20.0
Hentriacontane	16.38	6.0	ng	875091	6	15.46	2939520	20.0