LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

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-BF012020.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	2.187	9	17	23	rVB	1223750	1759087	29.41%	2.925%
2	5.087	507	510	518	rVB	67245	86606	1.45%	0.144%
3	5.398	554	563	572	rBV	100245	157331	2.63%	0.262%
4	5.487	572	578	581	rBV	5126778	5194033	86.84%	8.638%
5	6.487	742	748	752	rBV	4844185	5313167	88.83%	8.836%
6	6.745	788	792	795	rVB	221937	170403	2.85%	0.283%
7	6.857	807	811	815	rBV	2072975	1727427	28.88%	2.873%
8	7.016	834	838	841	rBV	5079221	4458465	74.54%	7.415%
9	7.416	901	906	909	rBV	3651654	3470990	58.03%	5.772%
10	8.139	1024	1029	1032	rBV	2624492	2252518	37.66%	3.746%
11	9.216	1207	1212	1215	rBV	6726808	5981163	100.00%	9.947%
12	9.604	1274	1278	1281	rBV	1056959	796585	13.32%	1.325%
13	9.892	1322	1327	1331	rBV	3044482	2724477	45.55%	4.531%
14	10.681	1456	1461	1464	rBV	4832701	4473888	74.80%	7.440%
15	11.039	1518	1522	1526	rBV	67122	63976	1.07%	0.106%
16	11.339	1568	1573	1575	rBV	90201	91769	1.53%	0.153%
17	11.375	1575	1579	1583	rVV	2868259	2650191	44.31%	4.407%
18	11.445	1585	1591	1594	rVB2	66690	74163	1.24%	0.123%
19	11.604	1615	1618	1623	rBV2	63256	66280	1.11%	0.110%
20	11.869	1659	1663	1666	rBV	339642	337327	5.64%	0.561%
21	11.904	1666	1669	1685	rVB	768727	894697	14.96%	1.488%
22	12.157	1709	1712	1719	rVB	71747	64978	1.09%	0.108%
23	12.592	1783	1786	1788	rBV3	80614	91392	1.53%	0.152%
24	12.686	1799	1802	1814	rVB	210713	269497	4.51%	0.448%
25	12.857	1825	1831	1840	rVB2	95642	153300	2.56%	0.255%
26	12.963	1844	1849	1852	rBV	5593594	5061293	84.62%	8.417%
27	13.439	1923	1930	1933	rBV3	113039	127786	2.14%	0.213%
28	13.539	1940	1947	1949	rBV2	132851	158971	2.66%	0.264%
29	13.863	1997	2002	2011	rBV2	457291	675295	11.29%	1.123%
30	14.010	2023	2027	2031	rBV	2043253	1891449	31.62%	3.146%
31	14.180	2051	2056	2063	rVB	511066	469533	7.85%	0.781%
32	14.486	2103	2108	2114	rBV	865781	812067	13.58%	1.351%
33	14.792	2154	2160	2169	rBV	1117704	1202029	20.10%	1.999%
34	14.868	2169	2173	2177	rVB	74705	77275	1.29%	0.129%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.133	2211	2218	2227	rBV	1065138	1418853	23.72%	2.360%
36	15.474	2270	2276	2279	rBV	1314565	1762193	29.46%	2.931%
37	15.510	2279	2282	2297	rVB	958365	1327474	22.19%	2.208%
38	15.951	2350	2357	2362	rBV	605857	995572	16.65%	1.656%
39	16.457	2436	2443	2454	rVB	289646	560802	9.38%	0.933%
40	17.051	2538	2544	2550	rBV2	83574	174102	2.91%	0.290%
41	17.545	2624	2628	2639	rVB2	39608	91687	1.53%	0.152%

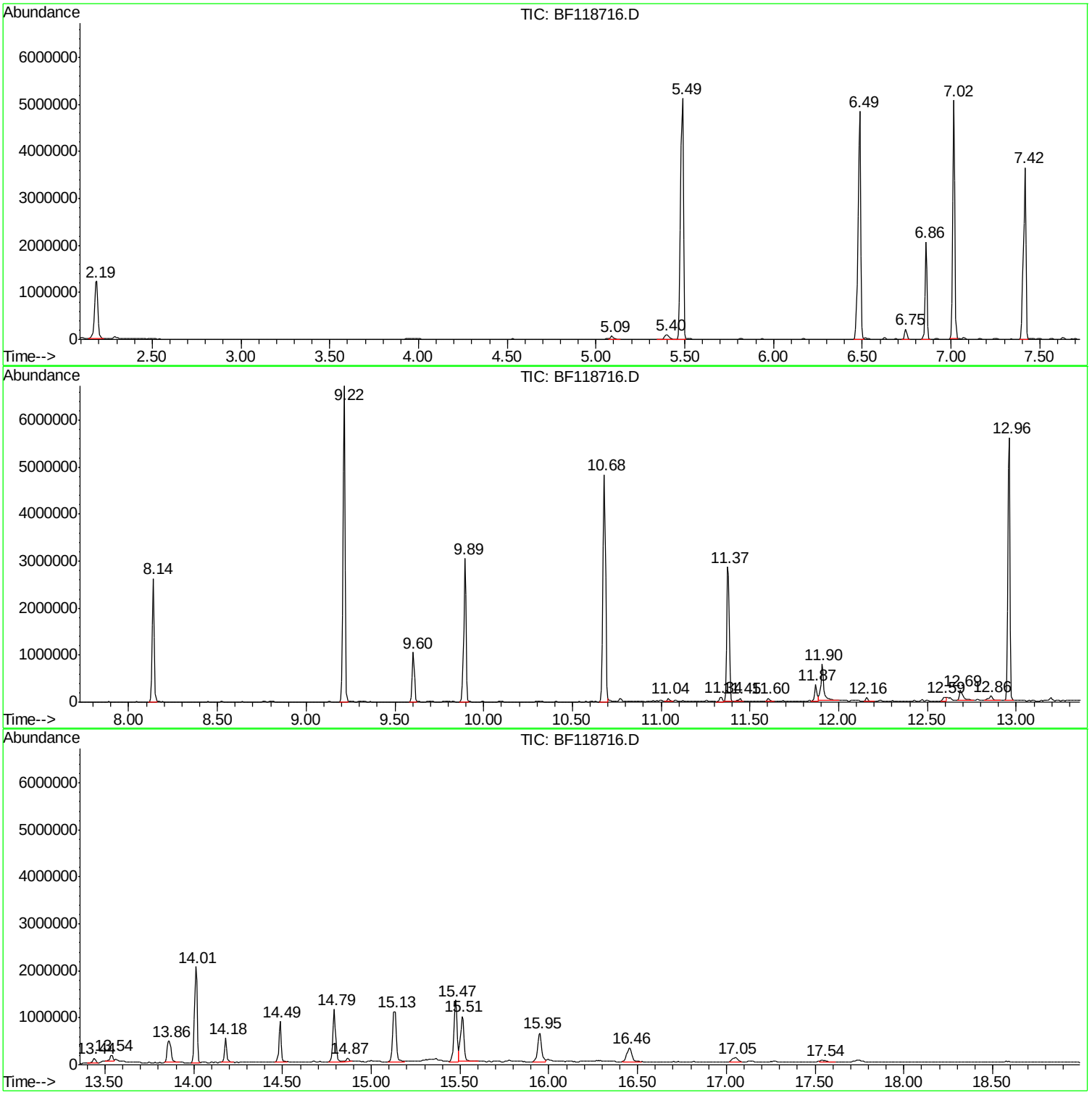
Sum of corrected areas: 60130091

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

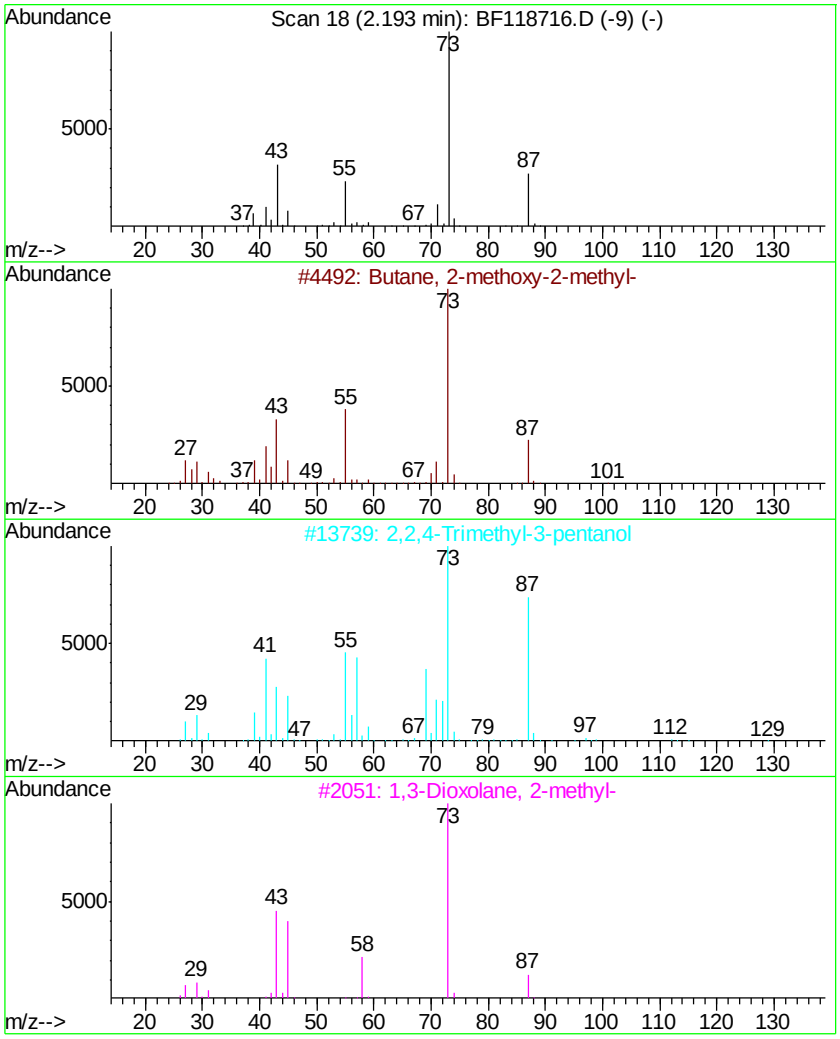
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

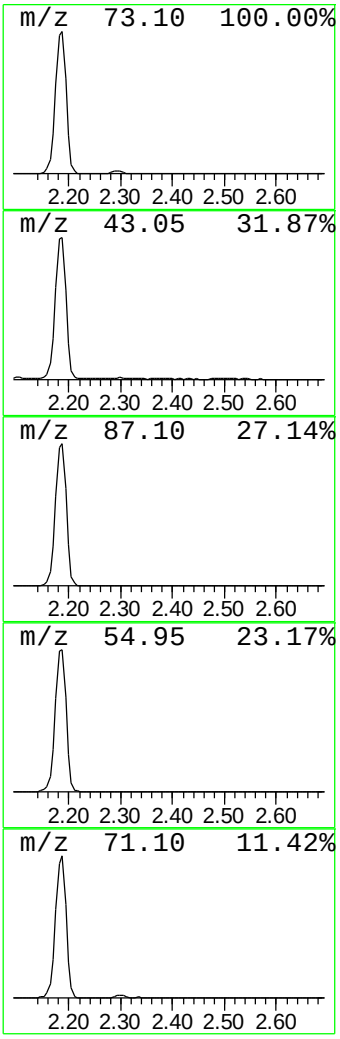
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	20.37 ng	1759090	1,4-Dichlorobenzene-d4	6.86

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

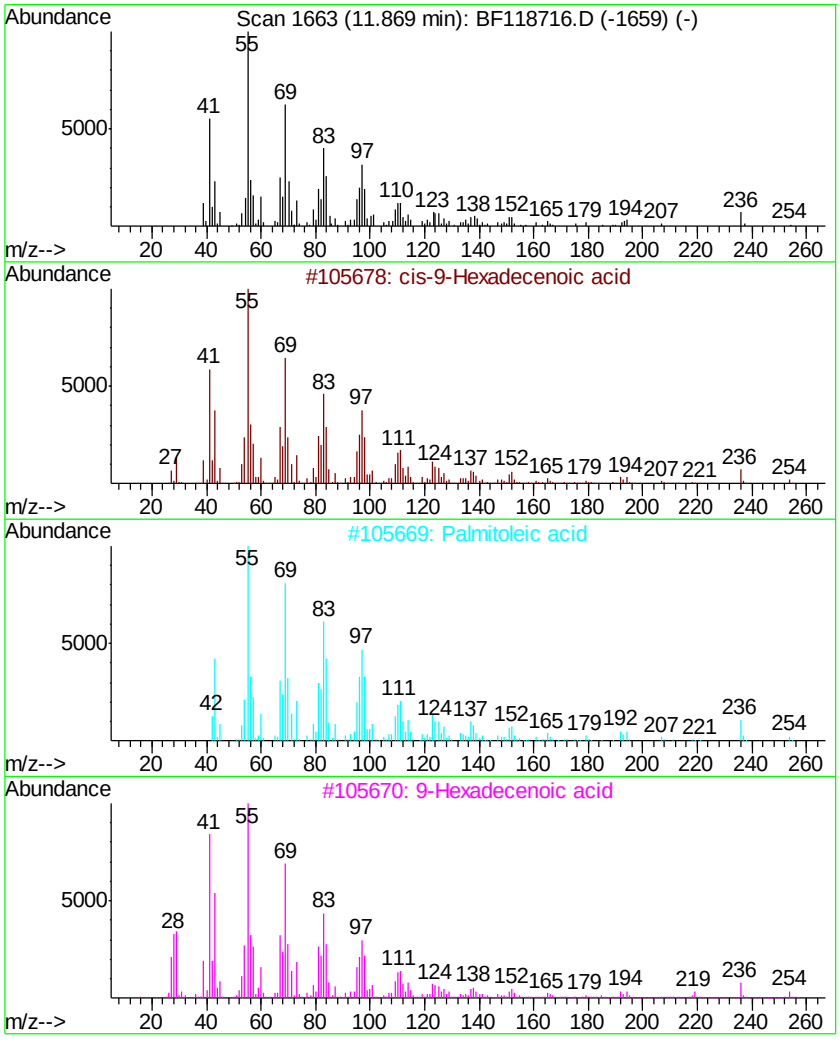
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

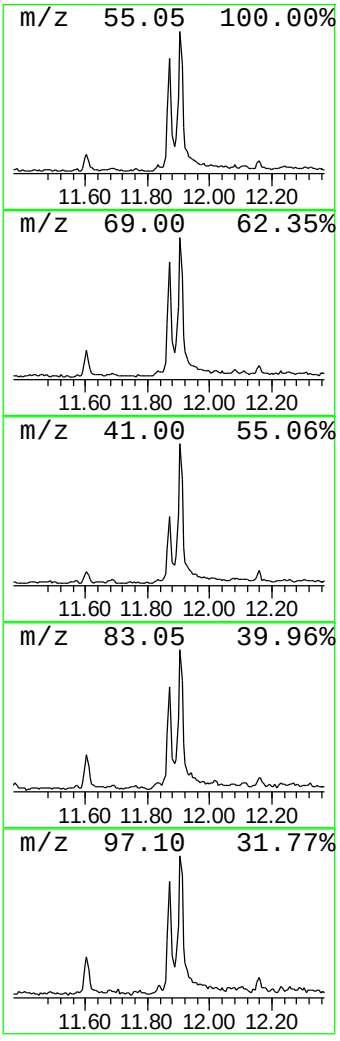
****

Peak Number 3 cis-9-Hexadecenoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.55 ng	337327	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	99
2	Palmitoleic acid	254	C16H30O2	000373-49-9	98
3	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	91
4	Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	91
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

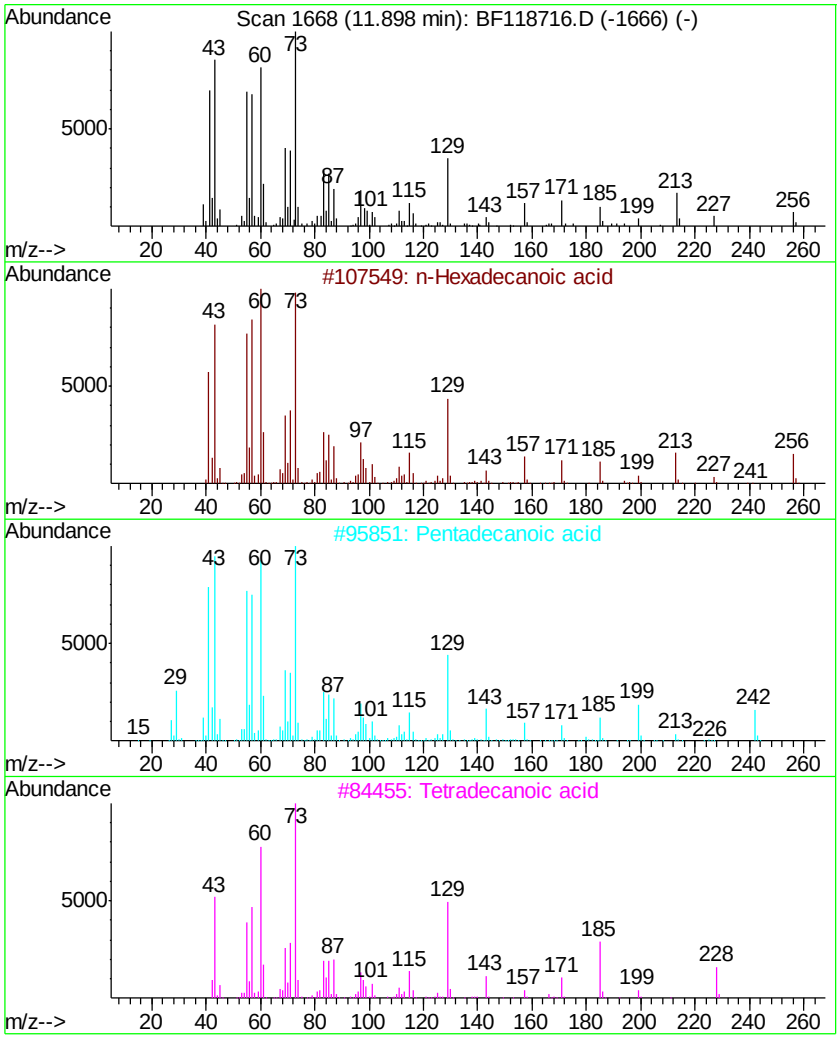
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

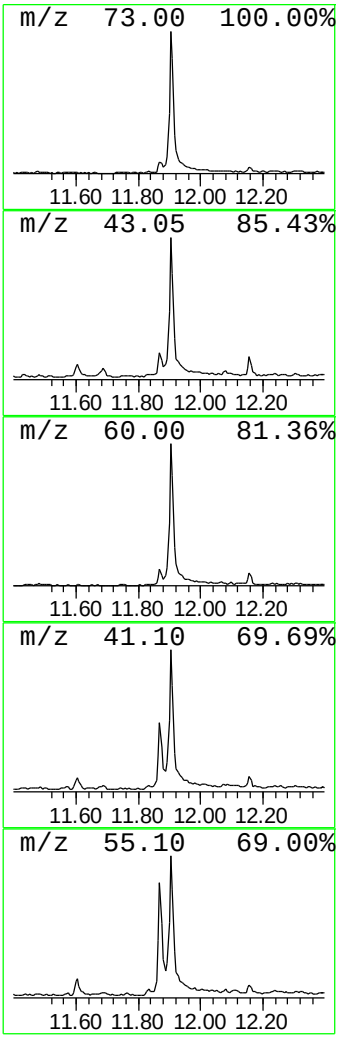
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	6.75 ng	894697	Phenanthrene-d10	11.37

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

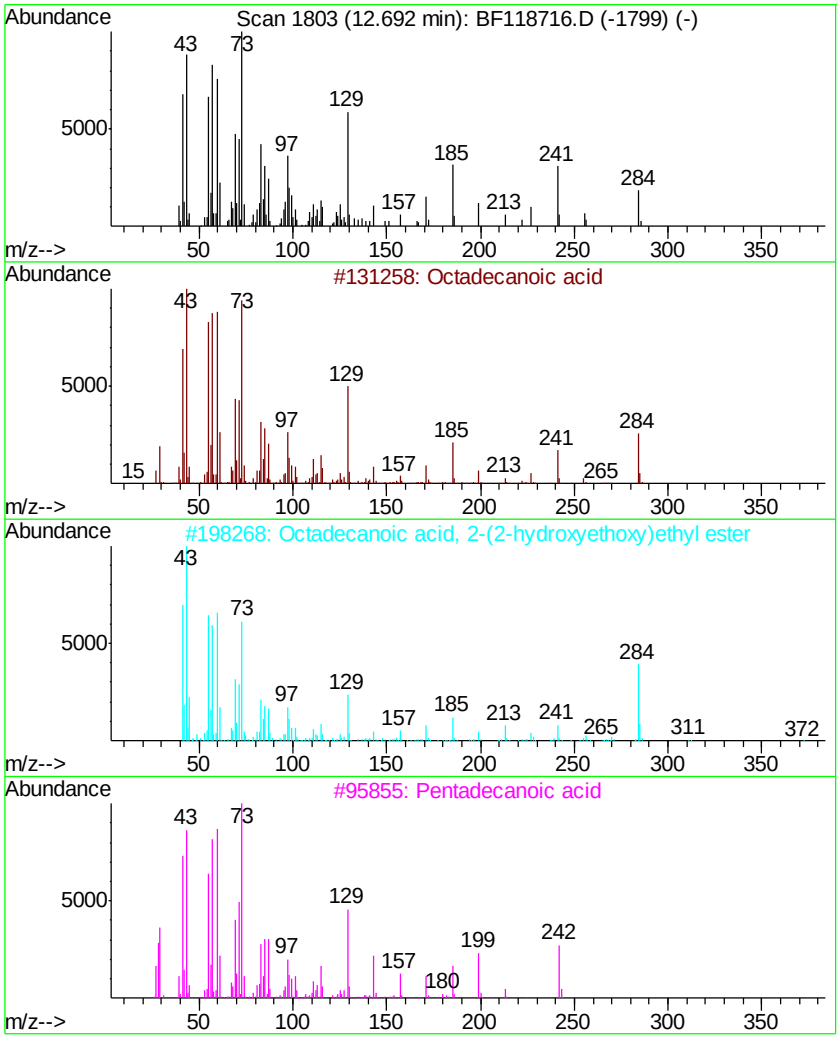
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

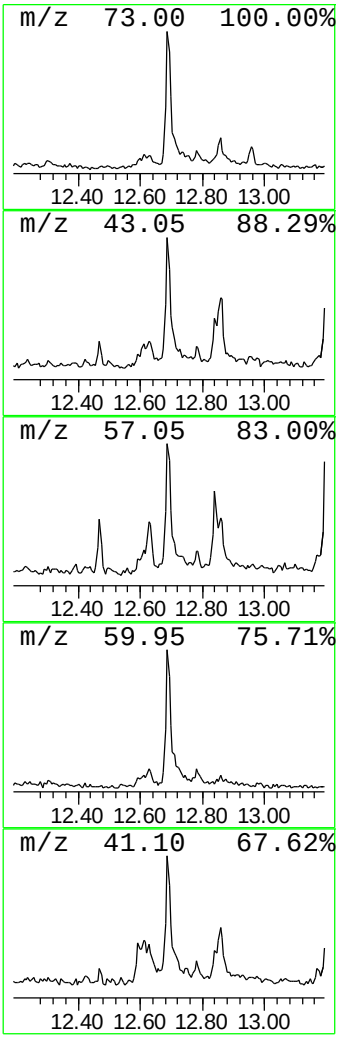
****

Peak Number 5 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	2.03 ng	269497	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

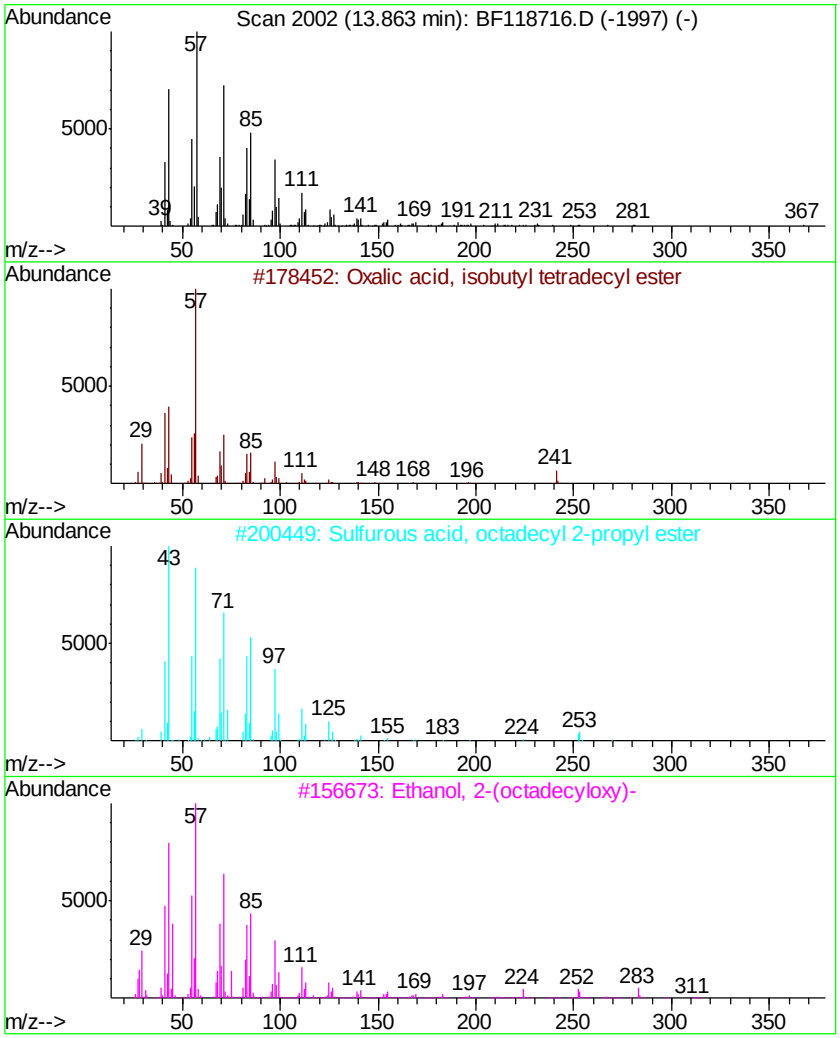
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

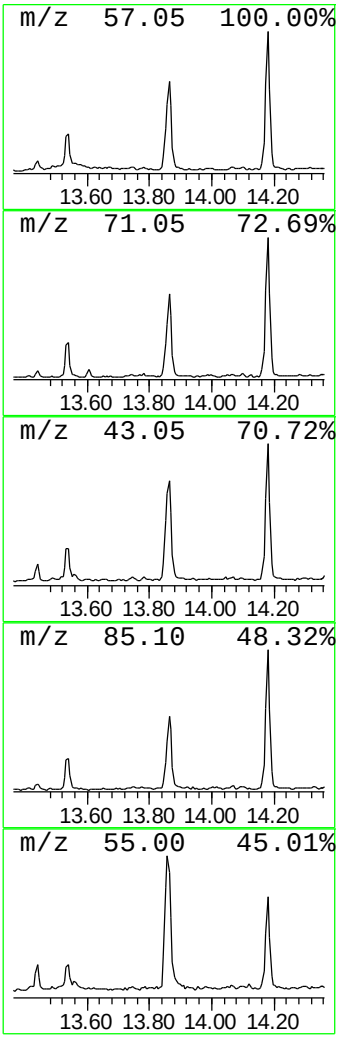
****

Peak Number 6 Oxalic acid, isobutyl tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	7.14 ng	675295	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
3	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	70
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

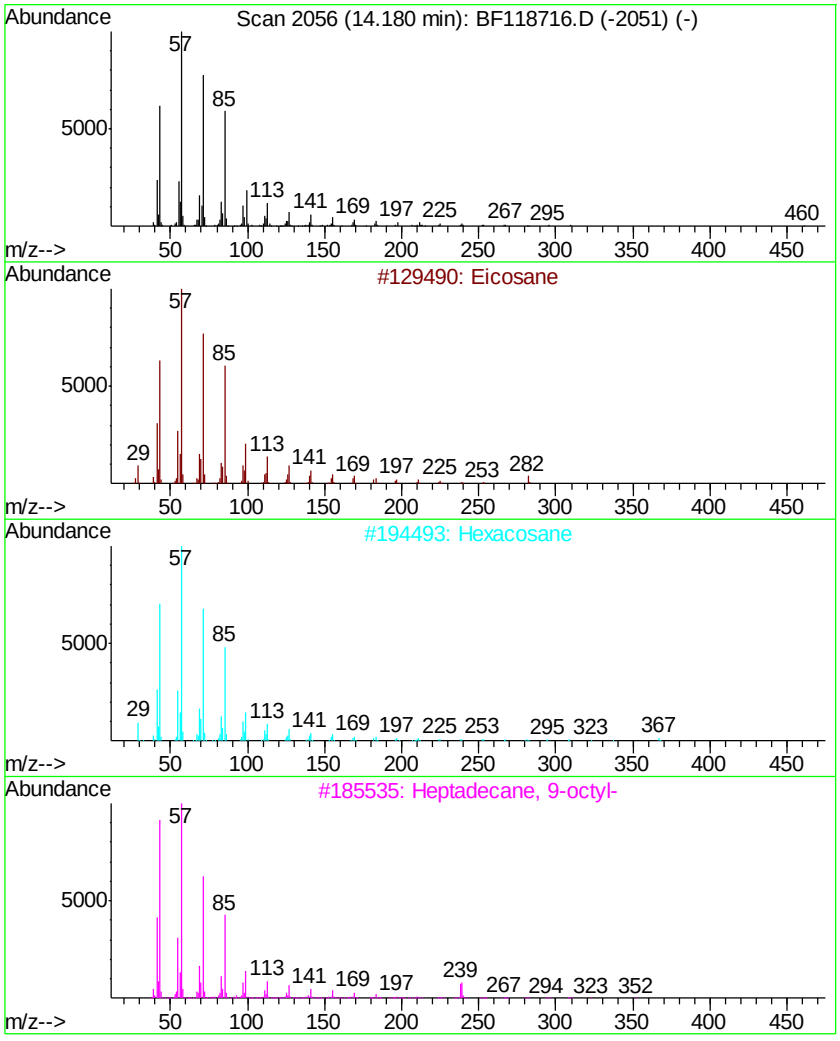
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

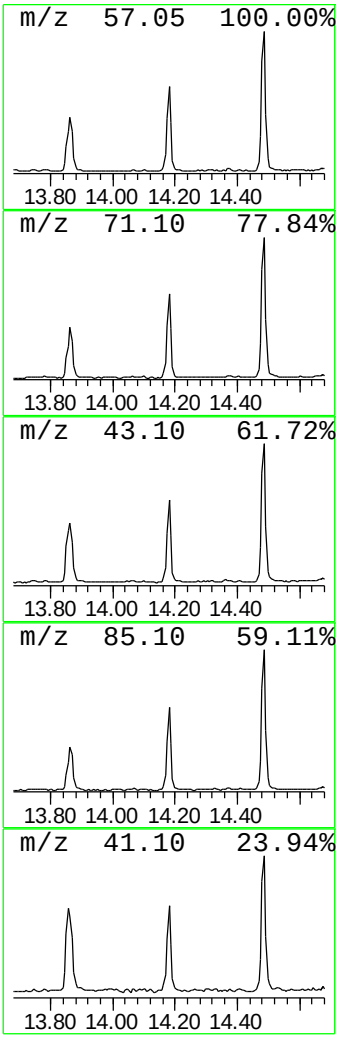
****

Peak Number 7 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	4.96 ng	469533	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

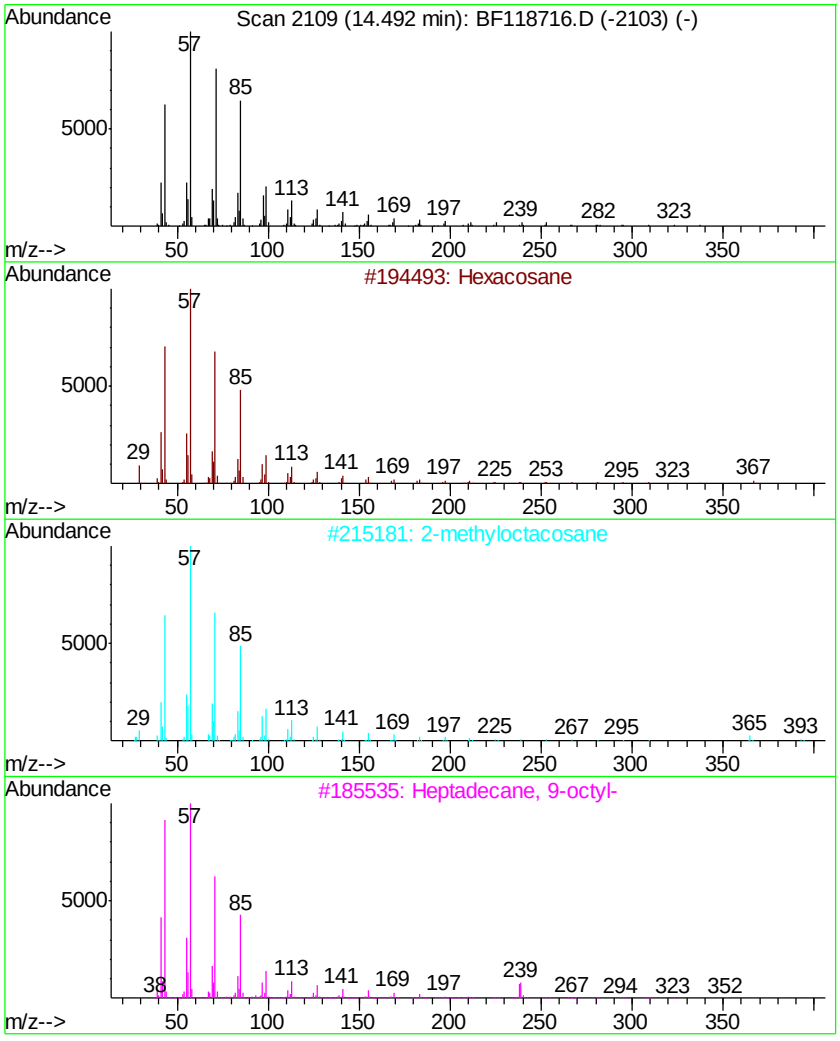
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

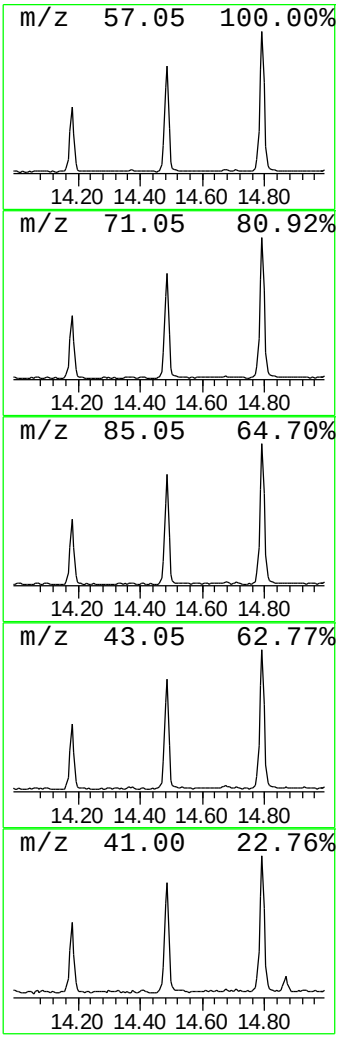
****

Peak Number 8 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	8.59 ng	812067	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

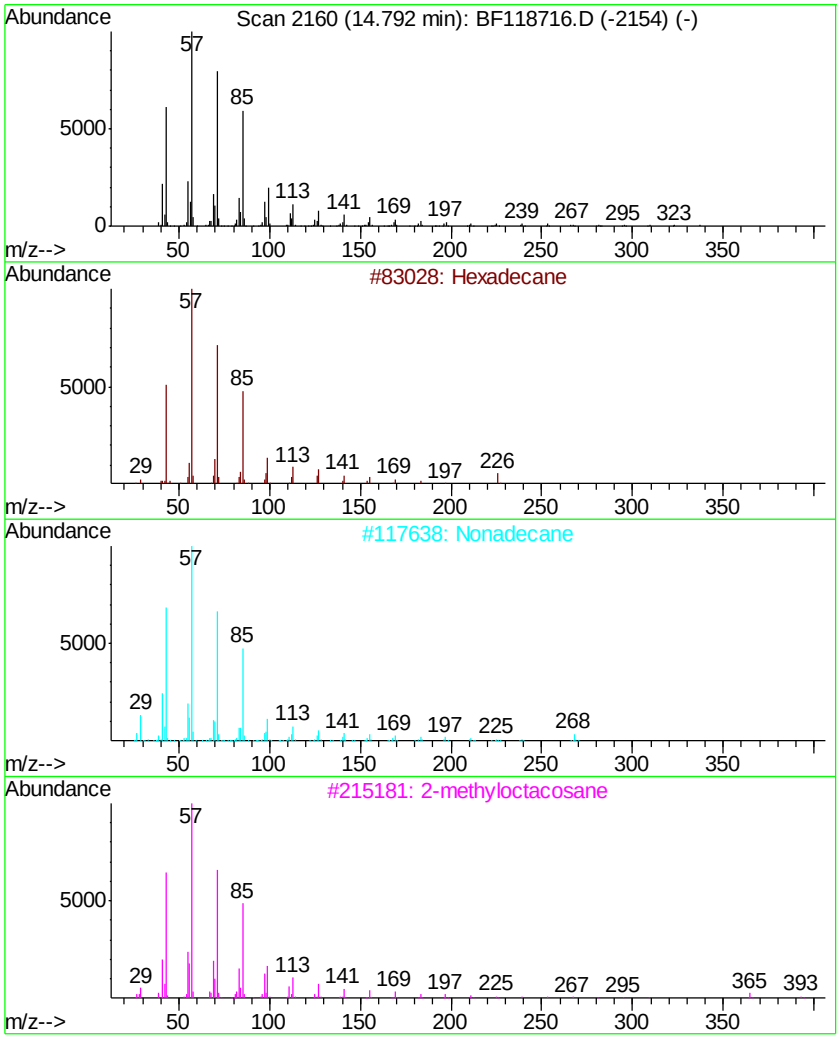
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

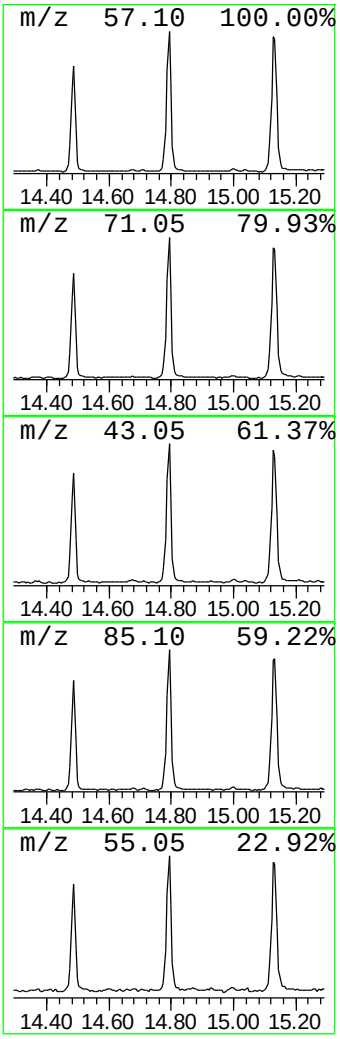
****

Peak Number 9 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	13.64 ng	1202030	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

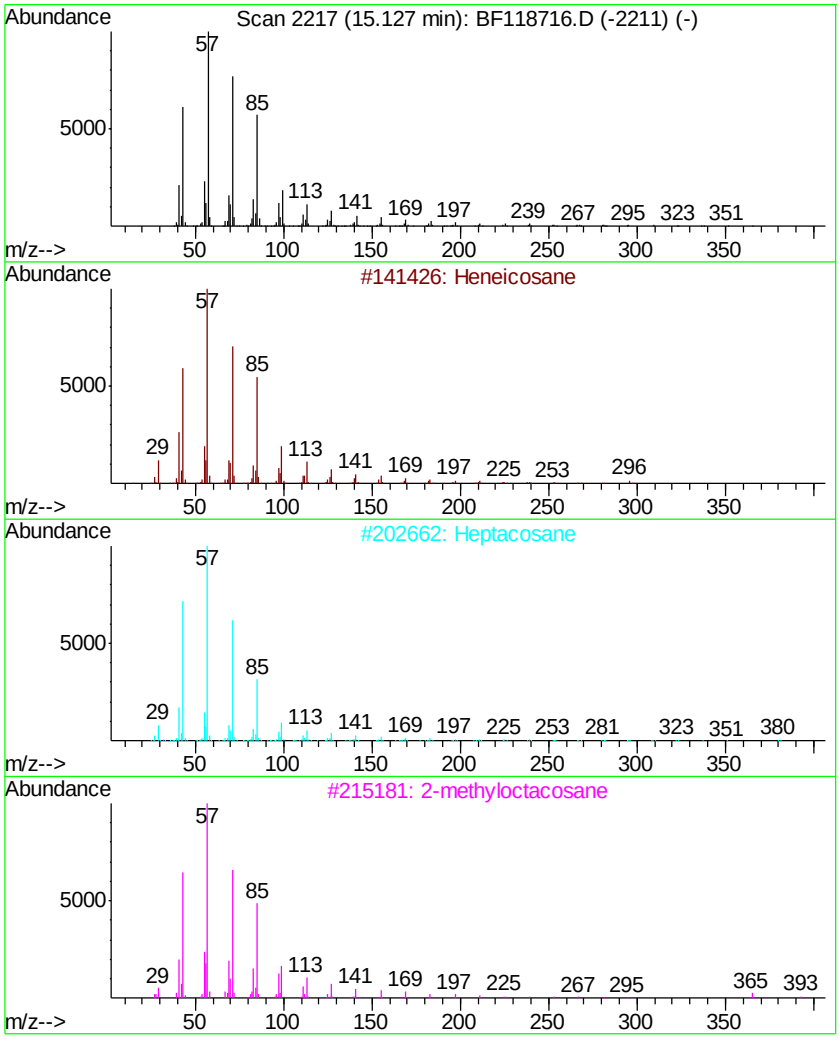
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

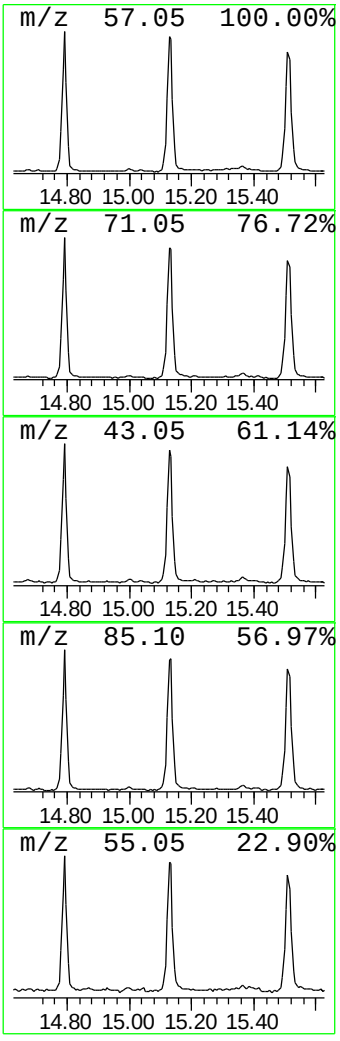
****

Peak Number 10 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	16.10 ng	1418850	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexacosane	366	C26H54	000630-01-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

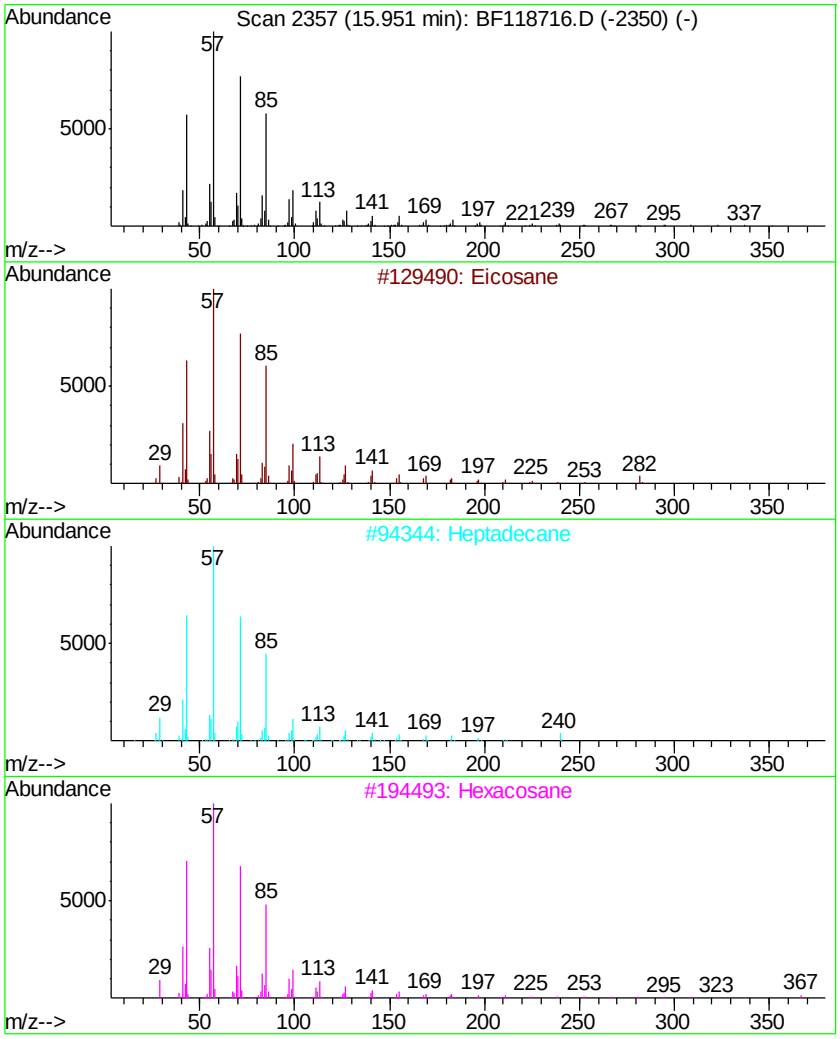
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

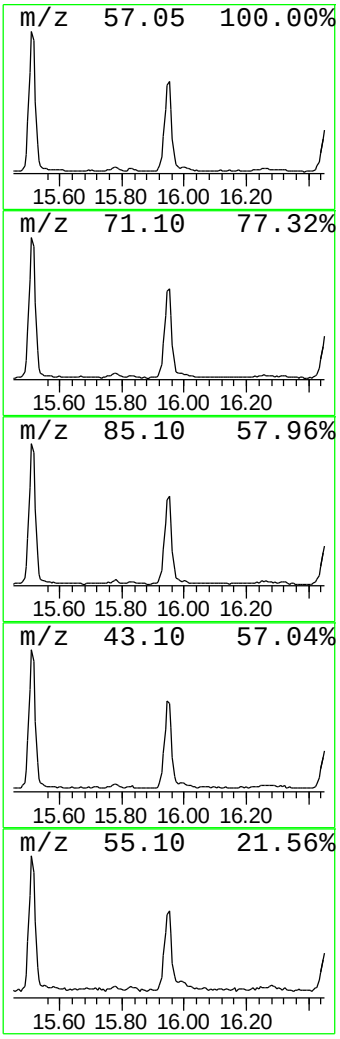
****

Peak Number 11 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	11.30 ng	995572	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	95
3	Hexacosane	366	C26H54	000630-01-3	94
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Docosane	310	C22H46	000629-97-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

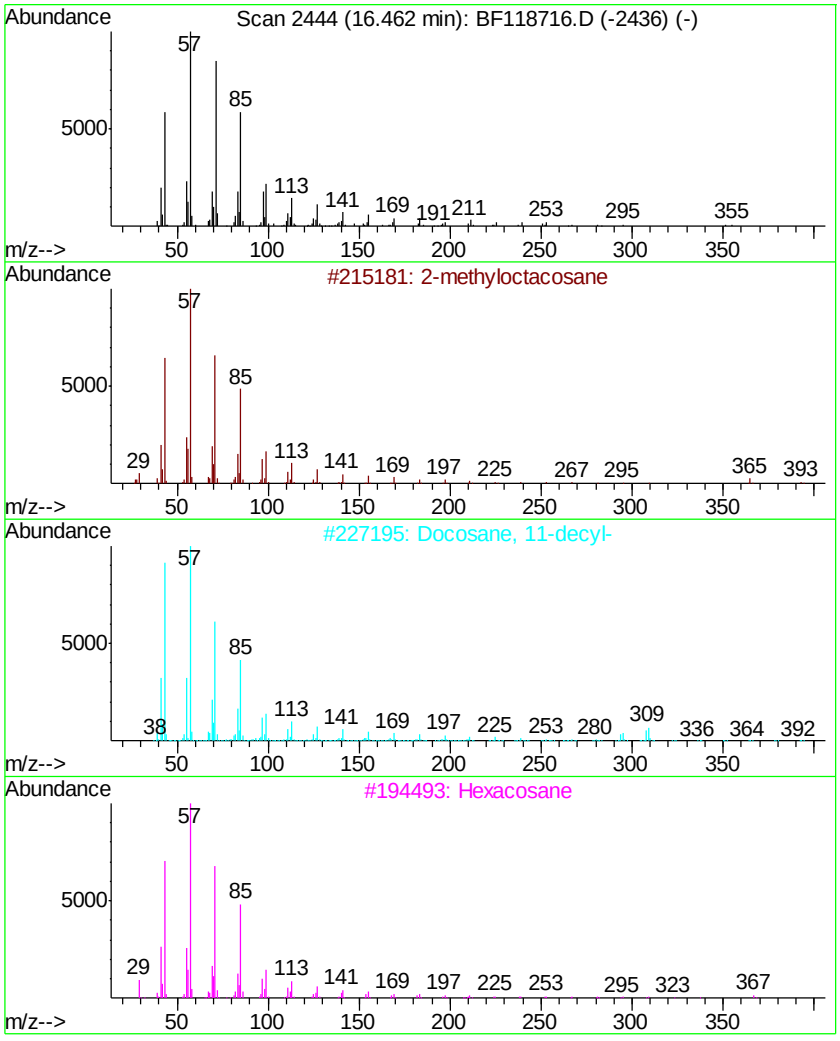
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

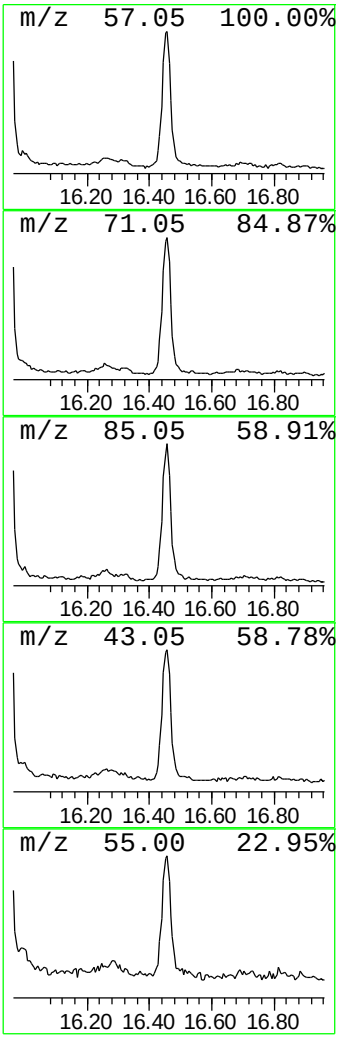
****

Peak Number 12 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	6.36 ng	560802	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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-methoxy...	2.19	20.4	ng	1759090	1	6.86	1727430	20.0
cis-9-Hexadecenoi...	11.87	2.5	ng	337327	4	11.37	2650190	20.0
n-Hexadecanoic acid	11.90	6.8	ng	894697	4	11.37	2650190	20.0
Octadecanoic acid	12.69	2.0	ng	269497	4	11.37	2650190	20.0
Oxalic acid, isob...	13.86	7.1	ng	675295	5	14.01	1891450	20.0
Eicosane	14.18	5.0	ng	469533	5	14.01	1891450	20.0
Hexacosane	14.49	8.6	ng	812067	5	14.01	1891450	20.0
Hexadecane	14.79	13.6	ng	1202030	6	15.47	1762190	20.0
Heneicosane	15.13	16.1	ng	1418850	6	15.47	1762190	20.0
Heptadecane	15.95	11.3	ng	995572	6	15.47	1762190	20.0
2-methyloctacosane	16.46	6.4	ng	560802	6	15.47	1762190	20.0