LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115771.D
Acq On : 25 Jul 2019 21:20
Operator : HP/JU
Sample : K3990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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-BF071219.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	2.146	4	10	24	rVB	482232	645341	17.16%	1.866%
2	5.492	574	579	593	rBV	2393783	2339995	62.21%	6.767%
3	6.498	745	750	753	rBV	2551176	2412380	64.14%	6.976%
4	6.639	770	774	777	rBV	2915932	2568860	68.30%	7.428%
5	6.869	809	813	822	rVB	914471	731428	19.45%	2.115%
6	7.028	836	840	843	rBV	2298357	2028583	53.93%	5.866%
7	7.428	903	908	921	rBV	1726507	1638527	43.56%	4.738%
8	8.151	1027	1031	1037	rBV	927419	885122	23.53%	2.560%
9	9.222	1209	1213	1229	rBV	3195301	3222138	85.67%	9.318%
10	9.616	1276	1280	1289	rBV	439925	424243	11.28%	1.227%
11	9.904	1325	1329	1344	rBV	1308855	1168934	31.08%	3.380%
12	10.692	1459	1463	1480	rBV	2087523	2143886	57.00%	6.200%
13	11.386	1578	1581	1590	rBV	1263624	1274569	33.89%	3.686%
14	11.915	1667	1671	1684	rBV	682941	670745	17.83%	1.940%
15	12.604	1784	1788	1798	rBV	49694	65808	1.75%	0.190%
16	12.698	1800	1804	1818	rBV	300809	362545	9.64%	1.048%
17	12.827	1823	1826	1832	rVB	44023	50659	1.35%	0.146%
18	12.974	1846	1851	1854	rBV	4007519	3761175	100.00%	10.876%
19	13.545	1941	1948	1950	rBV2	34065	39153	1.04%	0.113%
20	13.868	2000	2003	2005	rBV	98175	88978	2.37%	0.257%
21	13.915	2005	2011	2025	rVV2	118516	439393	11.68%	1.271%
22	14.027	2026	2030	2042	rVB	1230917	1255219	33.37%	3.630%
23	14.186	2053	2057	2061	rBV	304934	252056	6.70%	0.729%
24	14.492	2105	2109	2113	rBV	561422	519760	13.82%	1.503%
25	14.568	2115	2122	2128	rBV8	21638	67144	1.79%	0.194%
26	14.798	2157	2161	2166	rBV	881565	829064	22.04%	2.397%
27	15.133	2213	2218	2224	rBV	910337	1003961	26.69%	2.903%
28	15.368	2254	2258	2262	rVB	39939	46441	1.23%	0.134%
29	15.498	2274	2280	2281	rBV	800499	1094059	29.09%	3.164%
30	15.515	2281	2283	2297	rVB	854511	957615	25.46%	2.769%
31	15.951	2351	2357	2367	rBV	588889	837571	22.27%	2.422%
32	16.450	2436	2442	2449	rBV	244443	452710	12.04%	1.309%
33	17.045	2536	2543	2554	rBV	79664	179917	4.78%	0.520%
34	17.309	2582	2588	2596	rVB2	63163	123268	3.28%	0.356%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115771.D
Acq On : 25 Jul 2019 21:20
Operator : HP/JU
Sample : K3990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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-BF071219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 34581247

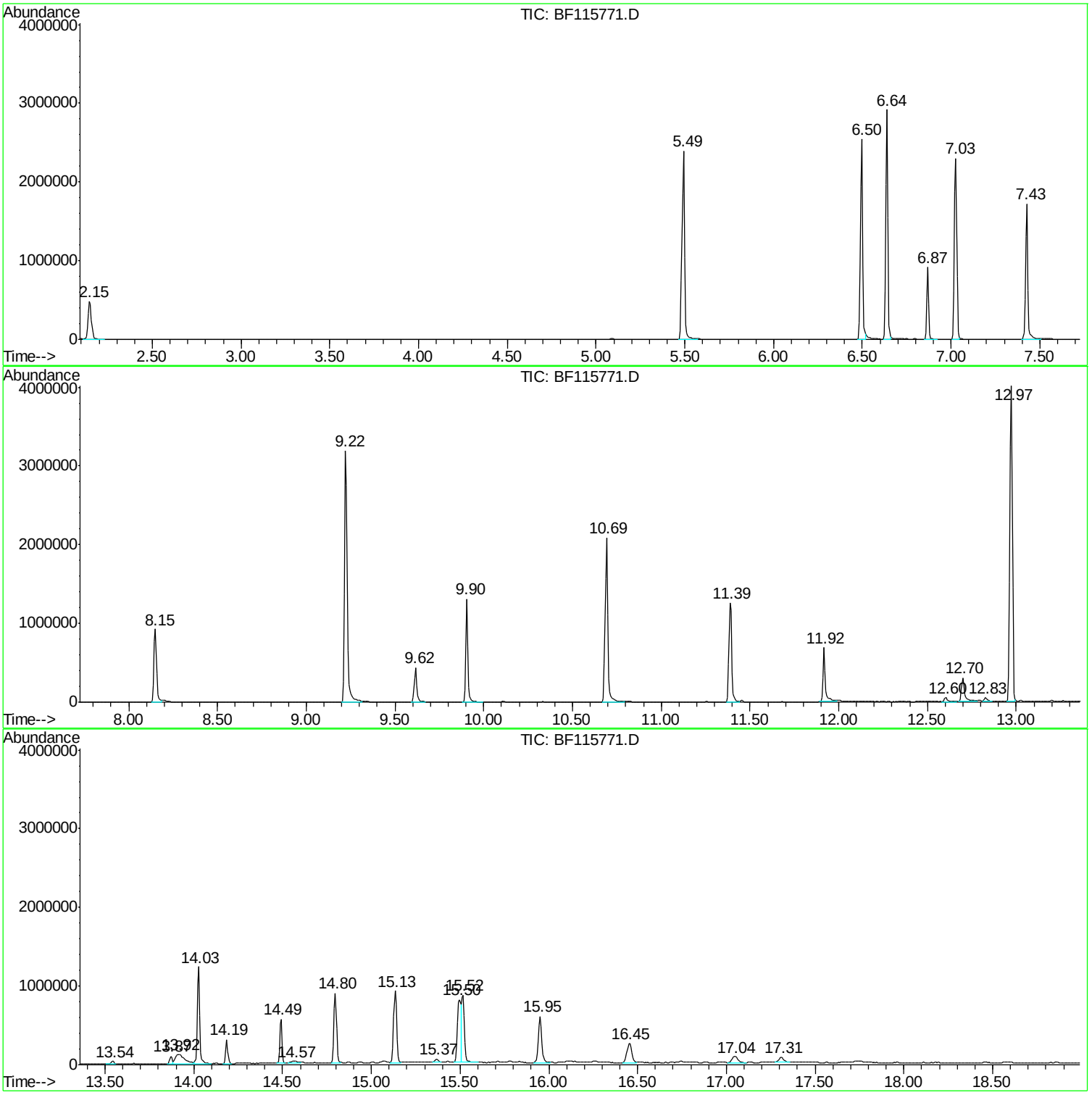
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115771.D
Acq On : 25 Jul 2019 21:20
Operator : HP/JU
Sample : K3990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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\BF072519\
Data File : BF115771.D
Acq On : 25 Jul 2019 21:20
Operator : HP/JU
Sample : K3990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

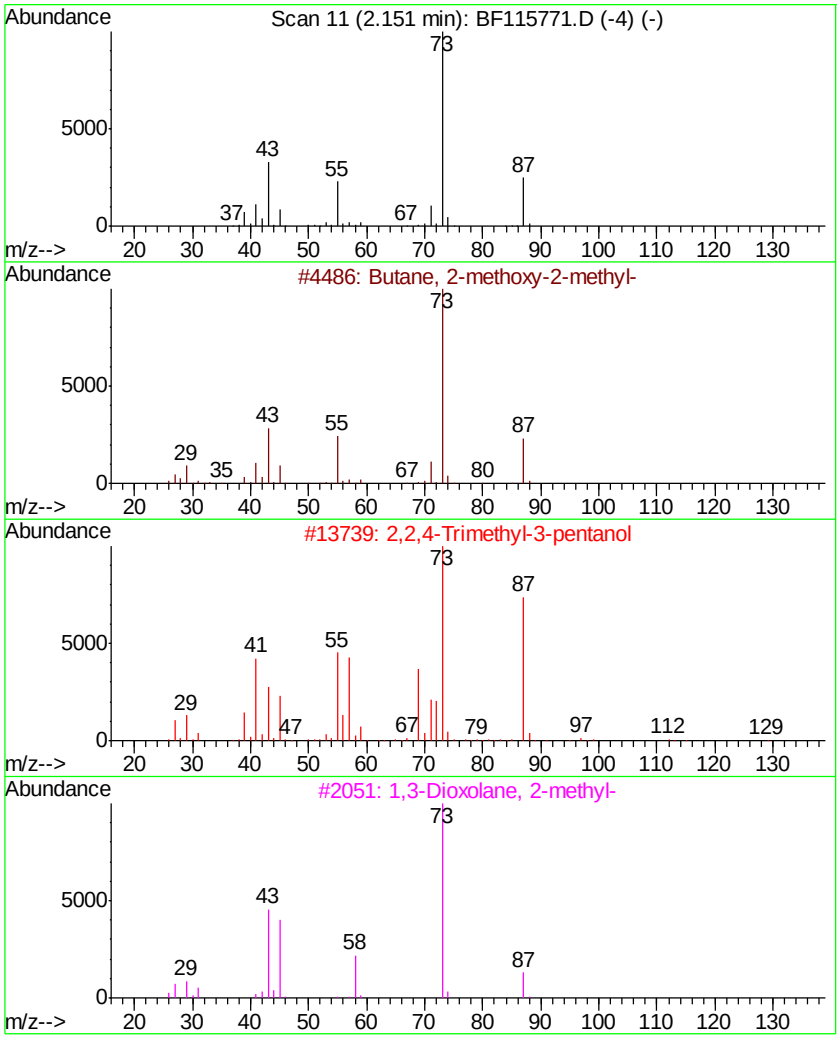
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

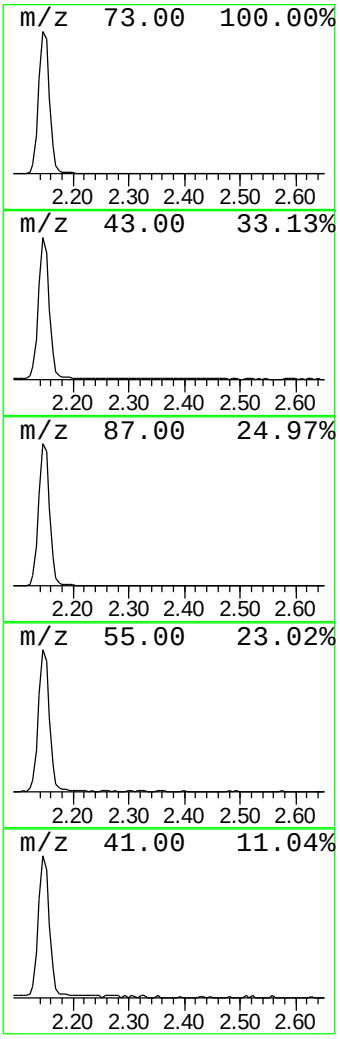
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	17.65 ng	645341	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
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\BF072519\
Data File : BF115771.D
Acq On : 25 Jul 2019 21:20
Operator : HP/JU
Sample : K3990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

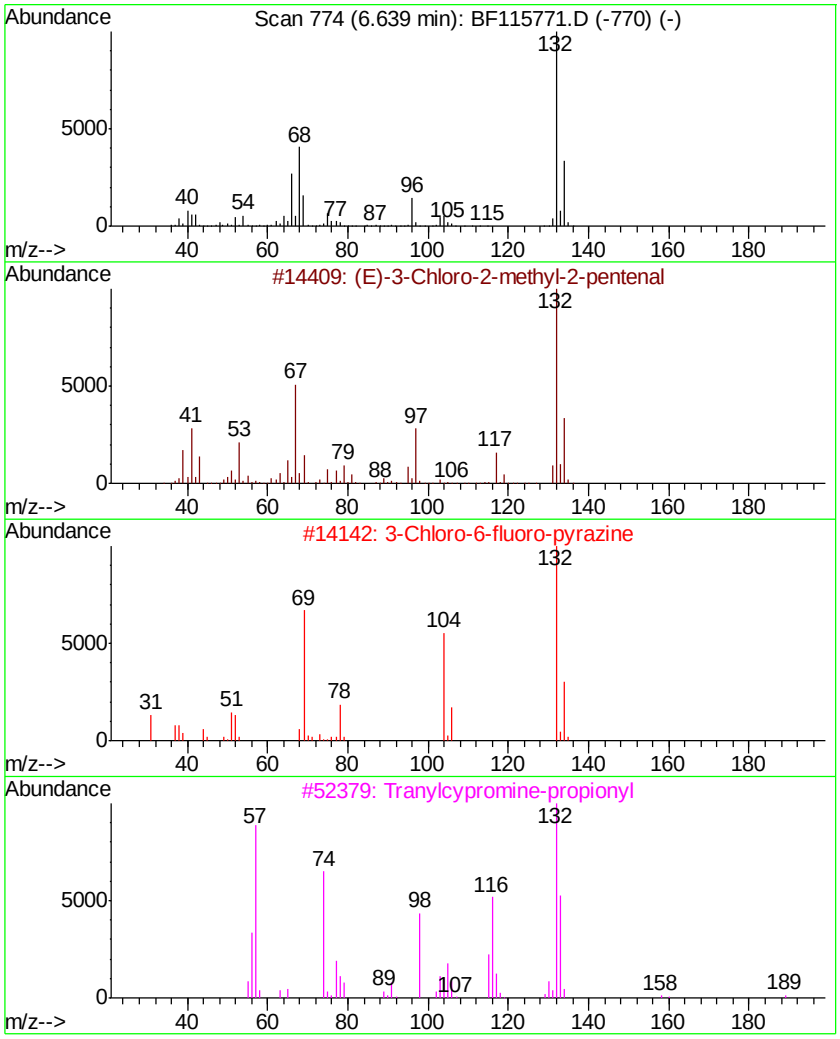
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

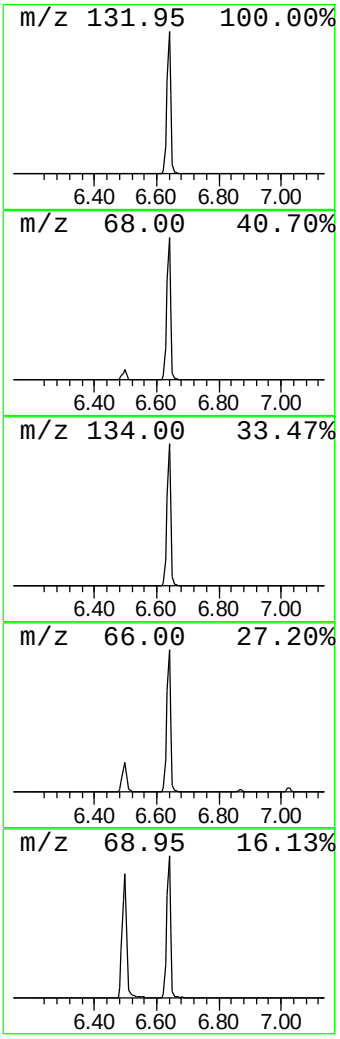
****

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	70.24 ng	2568860	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115771.D
Acq On : 25 Jul 2019 21:20
Operator : HP/JU
Sample : K3990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

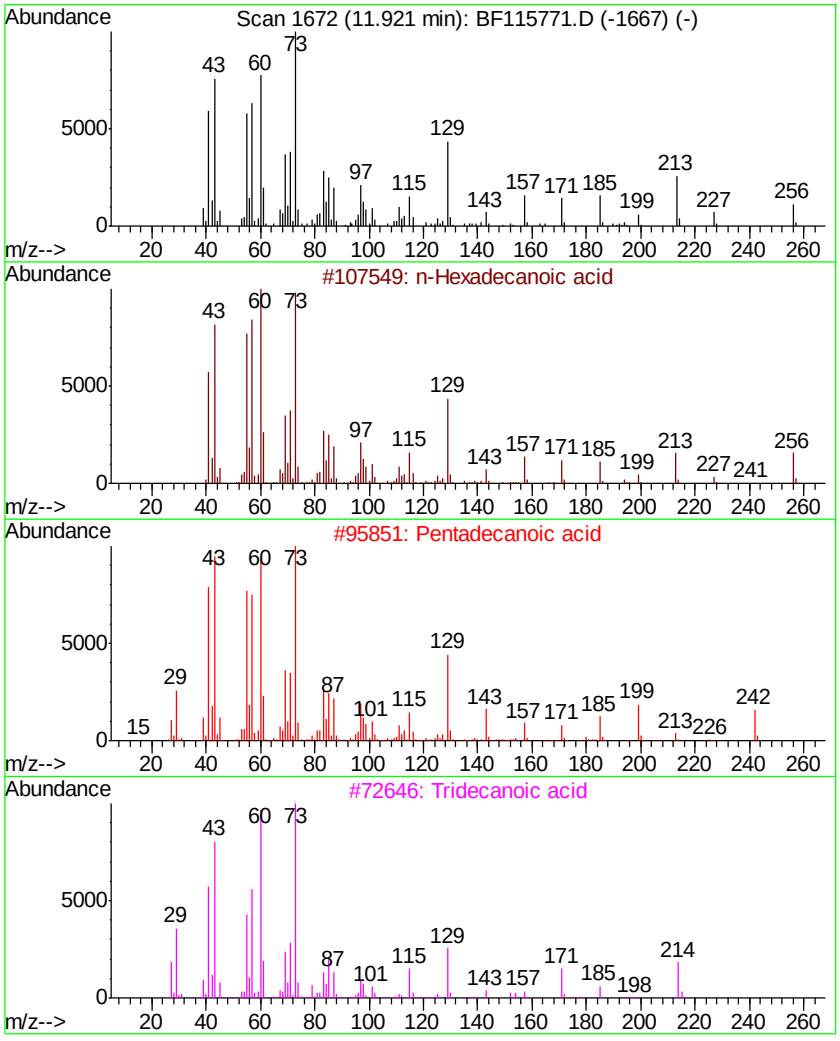
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

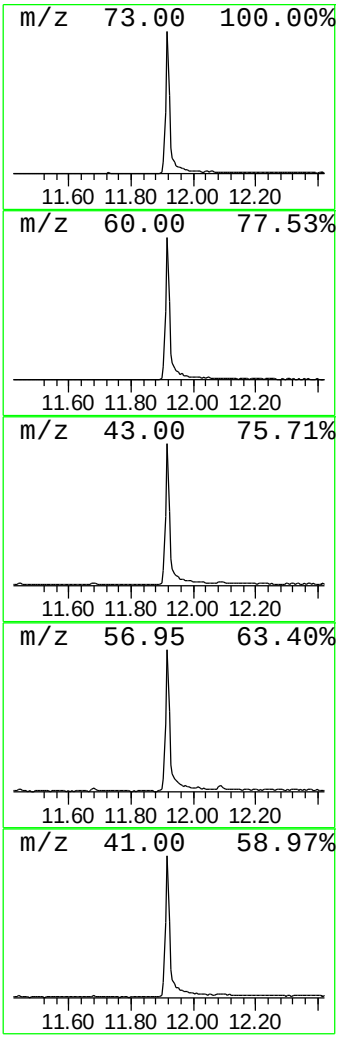
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	10.53 ng	670745	Phenanthrene-d10	11.39

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115771.D
Acq On : 25 Jul 2019 21:20
Operator : HP/JU
Sample : K3990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

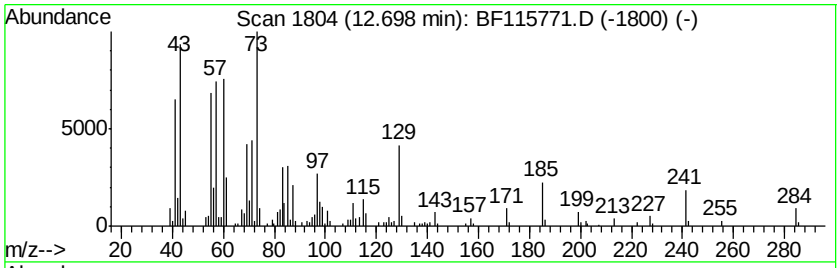
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

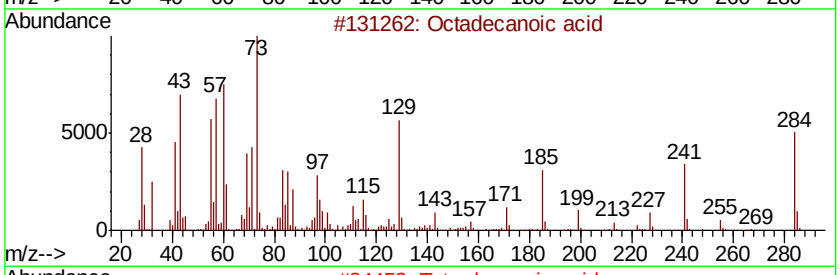
****

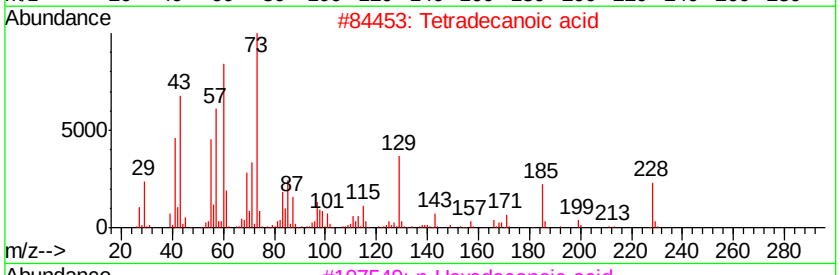
Peak Number 5 Octadecanoic acid Concentration Rank 11

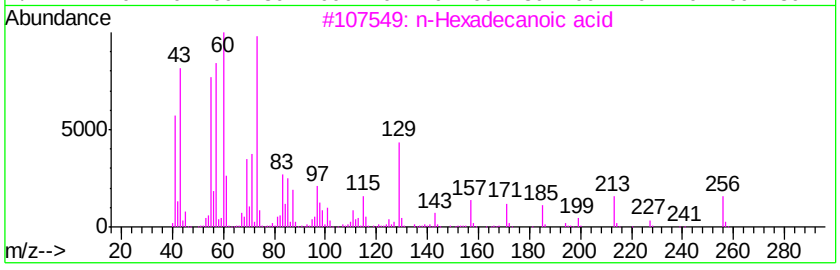
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	5.69 ng	362545	Phenanthrene-d10	11.39

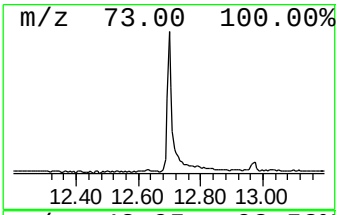
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	25

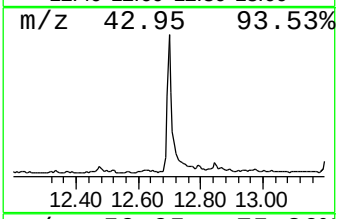


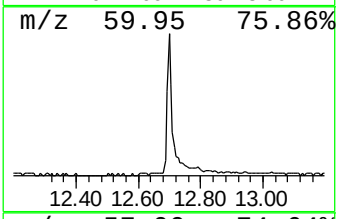


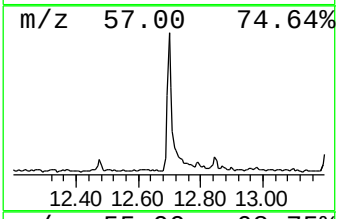


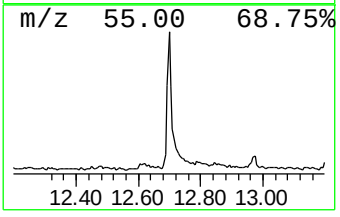












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115771.D
Acq On : 25 Jul 2019 21:20
Operator : HP/JU
Sample : K3990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

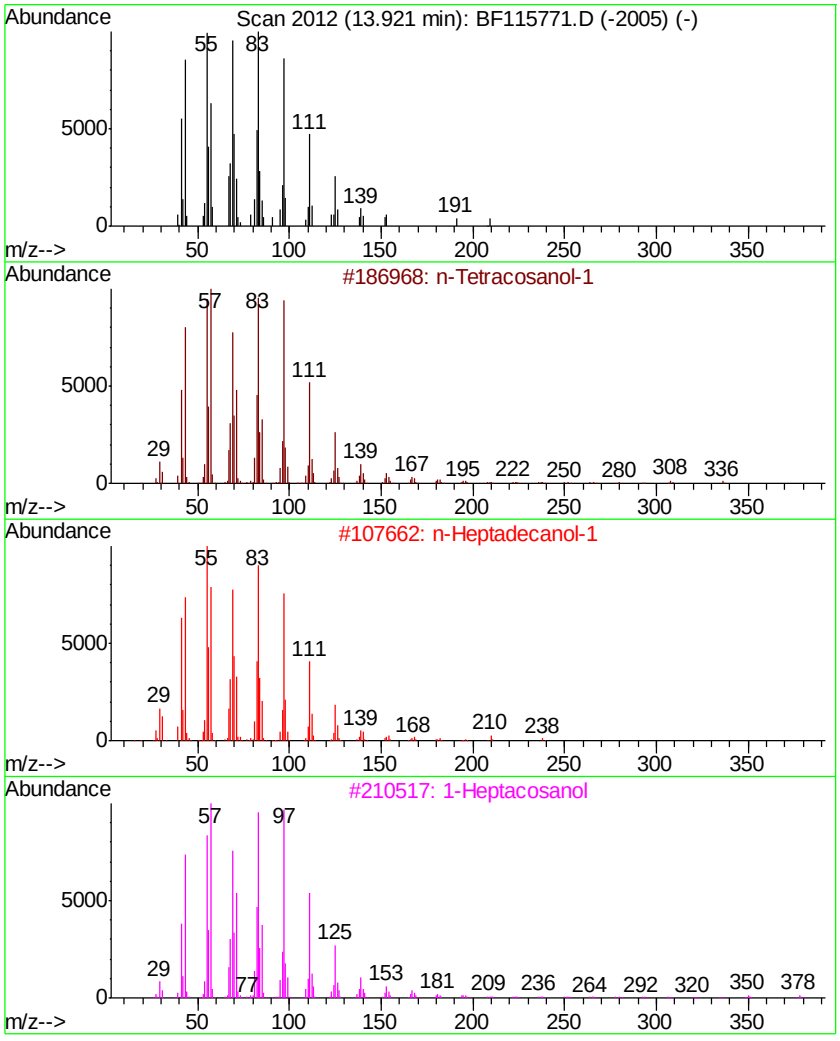
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

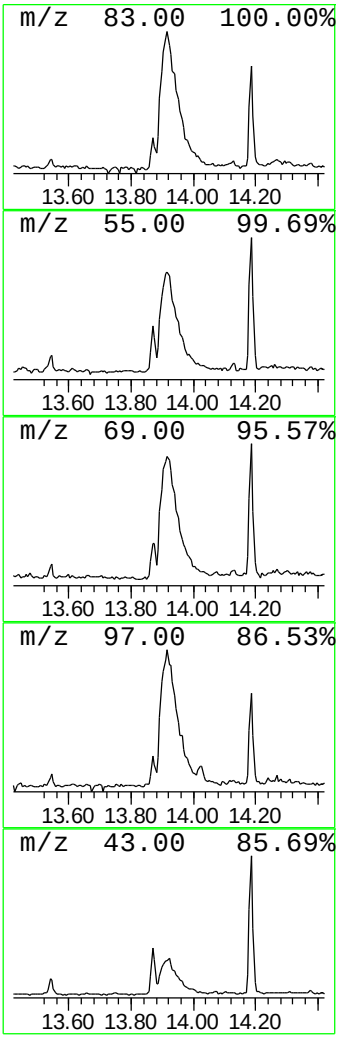
****

Peak Number 6 n-Tetracosanol-1 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	7.00 ng	439393	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	80
3	1-Heptacosanol	396	C27H56O	002004-39-9	72
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	72
5	Cyclotetradecane	196	C14H28	000295-17-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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Acq On : 25 Jul 2019 21:20
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Sample : K3990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

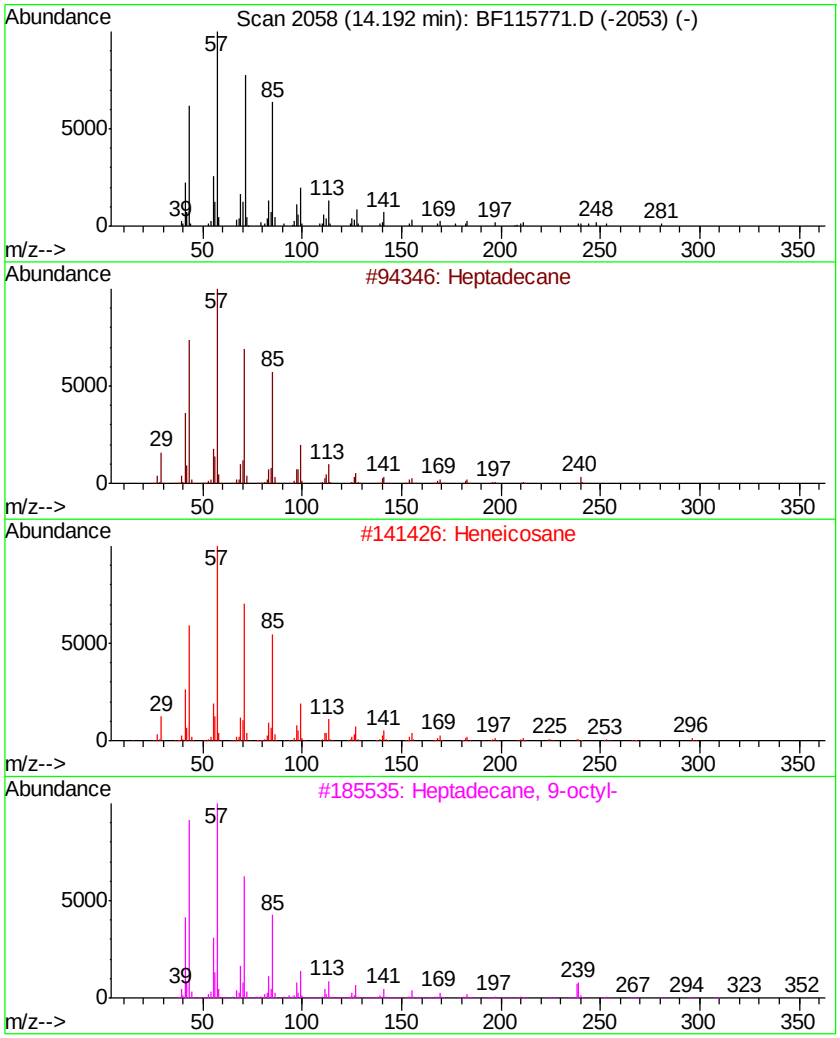
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

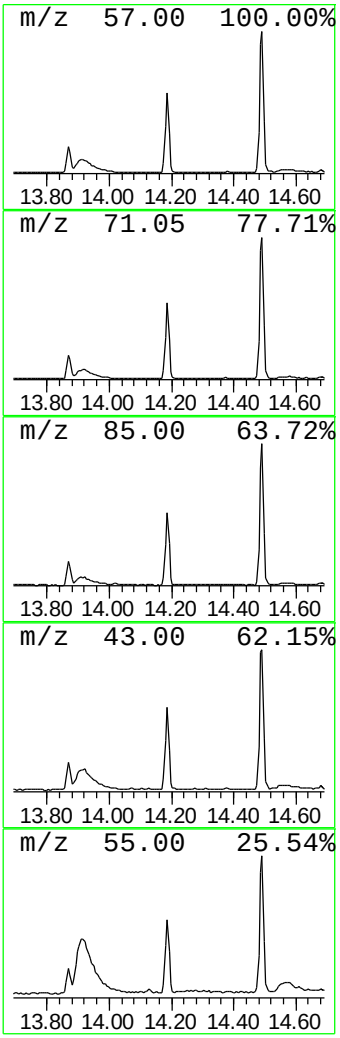
****

Peak Number 7 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	4.02 ng	252056	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115771.D
Acq On : 25 Jul 2019 21:20
Operator : HP/JU
Sample : K3990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

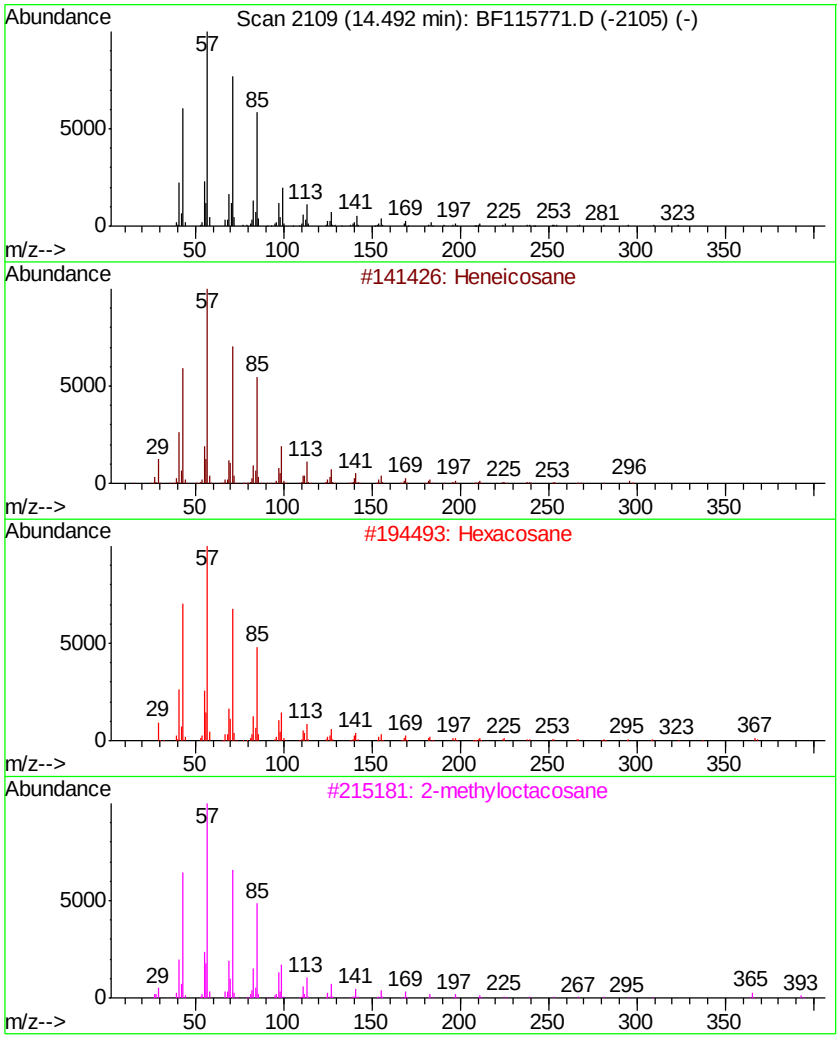
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

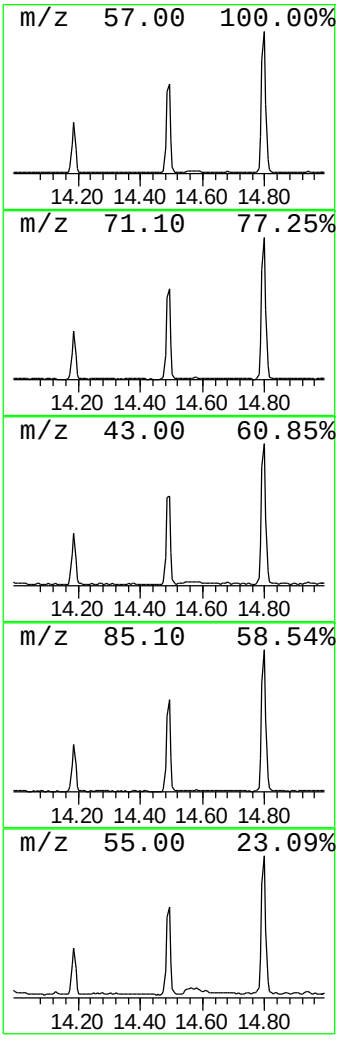
****

Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	8.28 ng	519760	Chrysene-d12	14.03

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	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115771.D
Acq On : 25 Jul 2019 21:20
Operator : HP/JU
Sample : K3990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

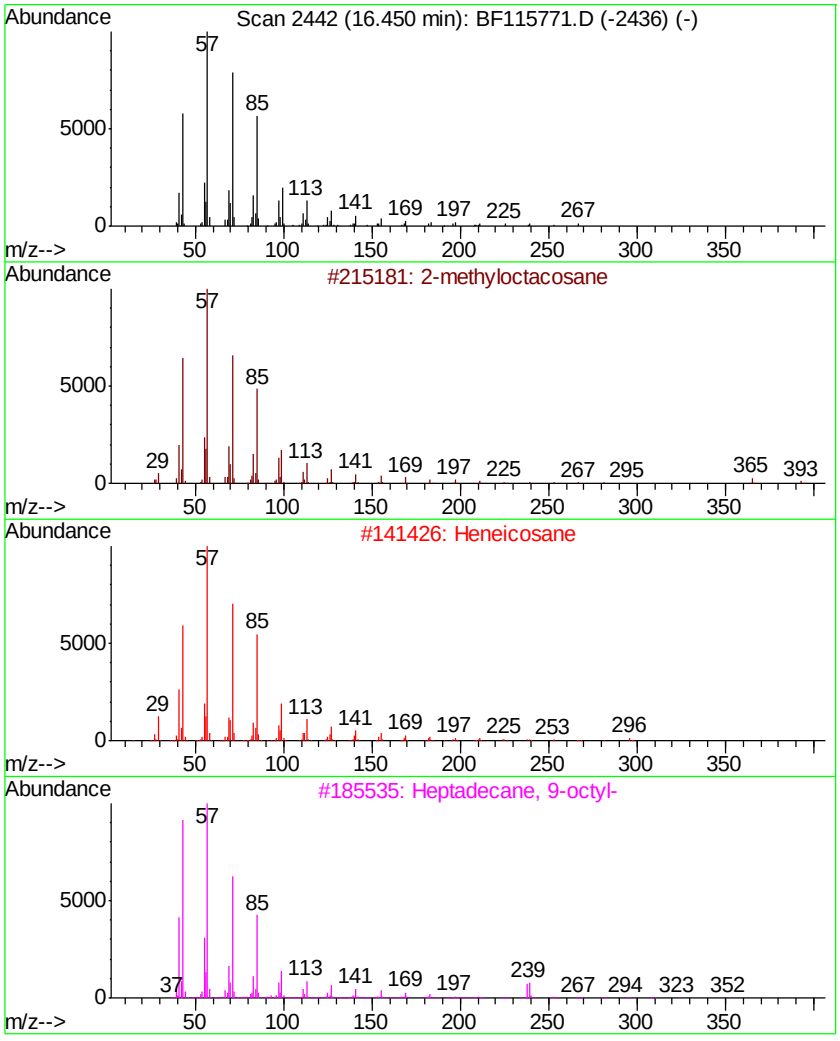
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

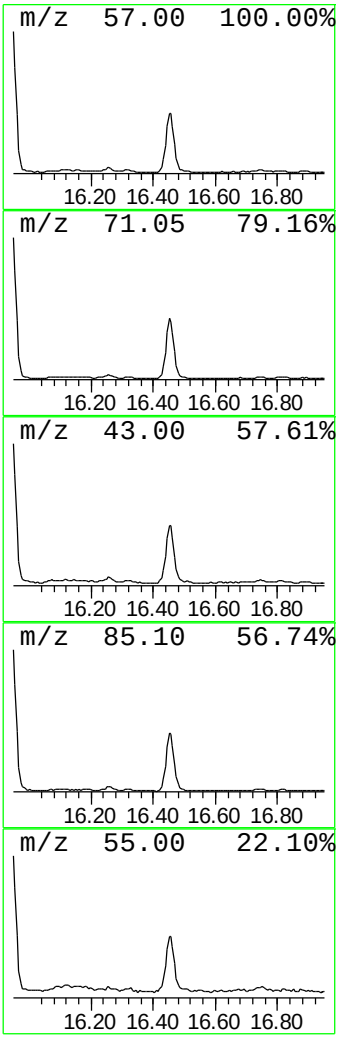
****

Peak Number 12 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	8.28 ng	452710	Perylene-d12	15.49

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	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115771.D
Acq On : 25 Jul 2019 21:20
Operator : HP/JU
Sample : K3990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

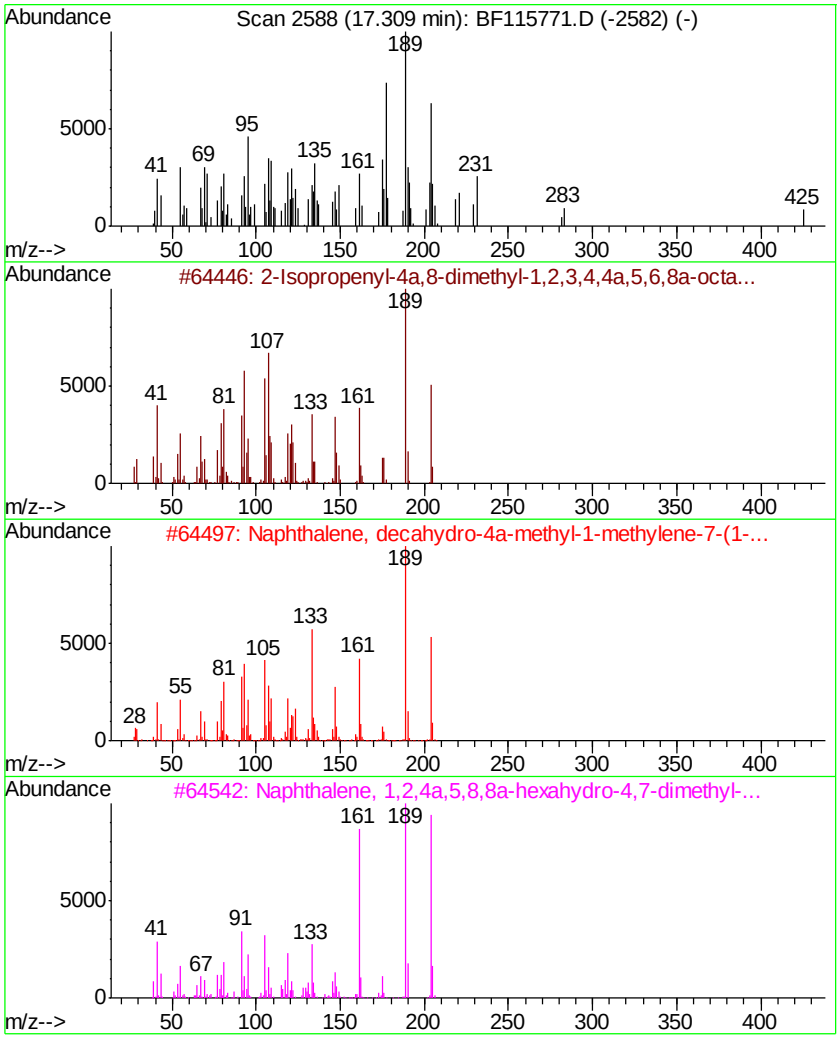
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

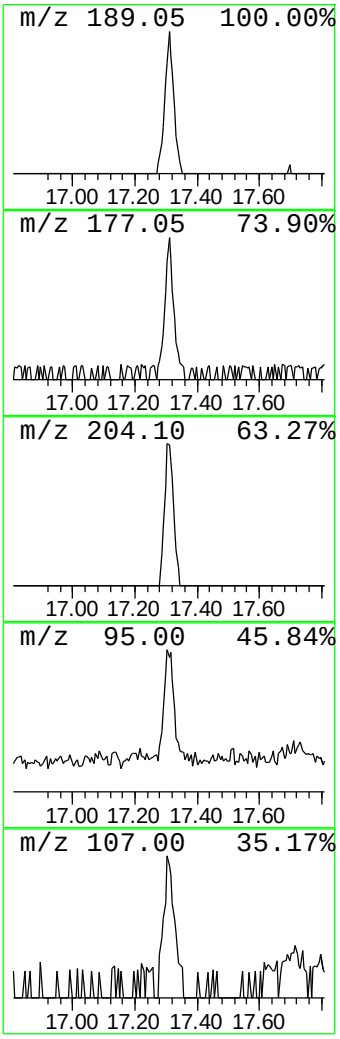
****

Peak Number 14 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	2.25 ng	123268	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	78
2	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	30
3	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	30
4	3,4-Dihydrocoumarin, 4,4,7,8-tet...	204	C13H16O2	040614-36-6	22
5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072519\
Data File : BF115771.D
Acq On : 25 Jul 2019 21:20
Operator : HP/JU
Sample : K3990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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...	2.15	17.6	ng	645341	1	6.87	731428	20.0
unknown6.64	6.64	70.2	ng	2568860	1	6.87	731428	20.0
n-Hexadecanoic acid	11.92	10.5	ng	670745	4	11.39	1274570	20.0
Octadecanoic acid	12.70	5.7	ng	362545	4	11.39	1274570	20.0
n-Tetracosanol-1	13.92	7.0	ng	439393	5	14.03	1255220	20.0
Heptadecane	14.19	4.0	ng	252056	5	14.03	1255220	20.0
Heneicosane	14.49	8.3	ng	519760	5	14.03	1255220	20.0
2-methyloctacosane	16.45	8.3	ng	452710	6	15.49	1094060	20.0
2-Isopropenyl-4a,...	17.31	2.3	ng	123268	6	15.49	1094060	20.0