LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118785.D
Acq On : 31 Jan 2020 16:45
Operator : CG/JU
Sample : L1325-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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	2.128	3	7	13	rVB	556338	748282	11.55%	1.340%
2	2.228	20	24	34	rVB	73850	106710	1.65%	0.191%
3	5.051	495	504	511	rVB	120607	164629	2.54%	0.295%
4	5.451	566	572	575	rBV	5440978	5487931	84.74%	9.826%
5	6.457	737	743	748	rBV	5091224	5835679	90.11%	10.448%
6	6.828	802	806	809	rBV	1790794	1641710	25.35%	2.939%
7	6.981	828	832	836	rVB	4697144	4612664	71.23%	8.259%
8	7.386	895	901	904	rBV	3772642	3801230	58.70%	6.806%
9	8.110	1019	1024	1027	rBV	2304846	2203521	34.03%	3.945%
10	9.186	1201	1207	1210	rBV	6952755	6475991	100.00%	11.595%
11	9.575	1269	1273	1276	rBV	967495	740069	11.43%	1.325%
12	9.863	1317	1322	1326	rBV	3225312	2649180	40.91%	4.743%
13	10.651	1451	1456	1459	rBV	5166512	4735799	73.13%	8.479%
14	11.345	1570	1574	1577	rBV	2967606	2592607	40.03%	4.642%
15	11.369	1577	1578	1581	rVV	266894	149128	2.30%	0.267%
16	11.416	1581	1586	1589	rVB3	67914	81439	1.26%	0.146%
17	11.880	1661	1665	1675	rBV	804725	947176	14.63%	1.696%
18	12.557	1776	1780	1783	rBV	330617	284484	4.39%	0.509%
19	12.657	1794	1797	1804	rBV2	193954	240222	3.71%	0.430%
20	12.786	1811	1819	1821	rBV	232098	257987	3.98%	0.462%
21	12.933	1839	1844	1847	rVB	5663170	5511267	85.10%	9.867%
22	13.827	1993	1996	2013	rVB	873453	1023716	15.81%	1.833%
23	13.980	2017	2022	2025	rVV	1939032	1857395	28.68%	3.326%
24	14.004	2025	2026	2032	rVB	116305	93600	1.45%	0.168%
25	14.151	2047	2051	2056	rBV2	79543	93057	1.44%	0.167%
26	14.457	2100	2103	2107	rBV2	144333	175050	2.70%	0.313%
27	14.762	2151	2155	2163	rVB	143584	179378	2.77%	0.321%
28	14.833	2164	2167	2173	rVB	180172	200931	3.10%	0.360%
29	15.009	2193	2197	2201	rBV	101847	168777	2.61%	0.302%
30	15.092	2207	2211	2215	rBV	175995	213215	3.29%	0.382%
31	15.368	2255	2258	2263	rVB2	79917	96987	1.50%	0.174%
32	15.433	2264	2269	2273	rVV	1463400	1809236	27.94%	3.239%
33	15.468	2273	2275	2282	rVB2	165228	205005	3.17%	0.367%
34	15.898	2344	2348	2353	rBV	119277	173923	2.69%	0.311%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118785.D
Acq On : 31 Jan 2020 16:45
Operator : CG/JU
Sample : L1325-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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	15.956	2353	2358	2366	rBV6	85529	194836	3.01%	0.349%
36	16.404	2429	2434	2438	rBV	54978	99990	1.54%	0.179%

Sum of corrected areas: 55852801

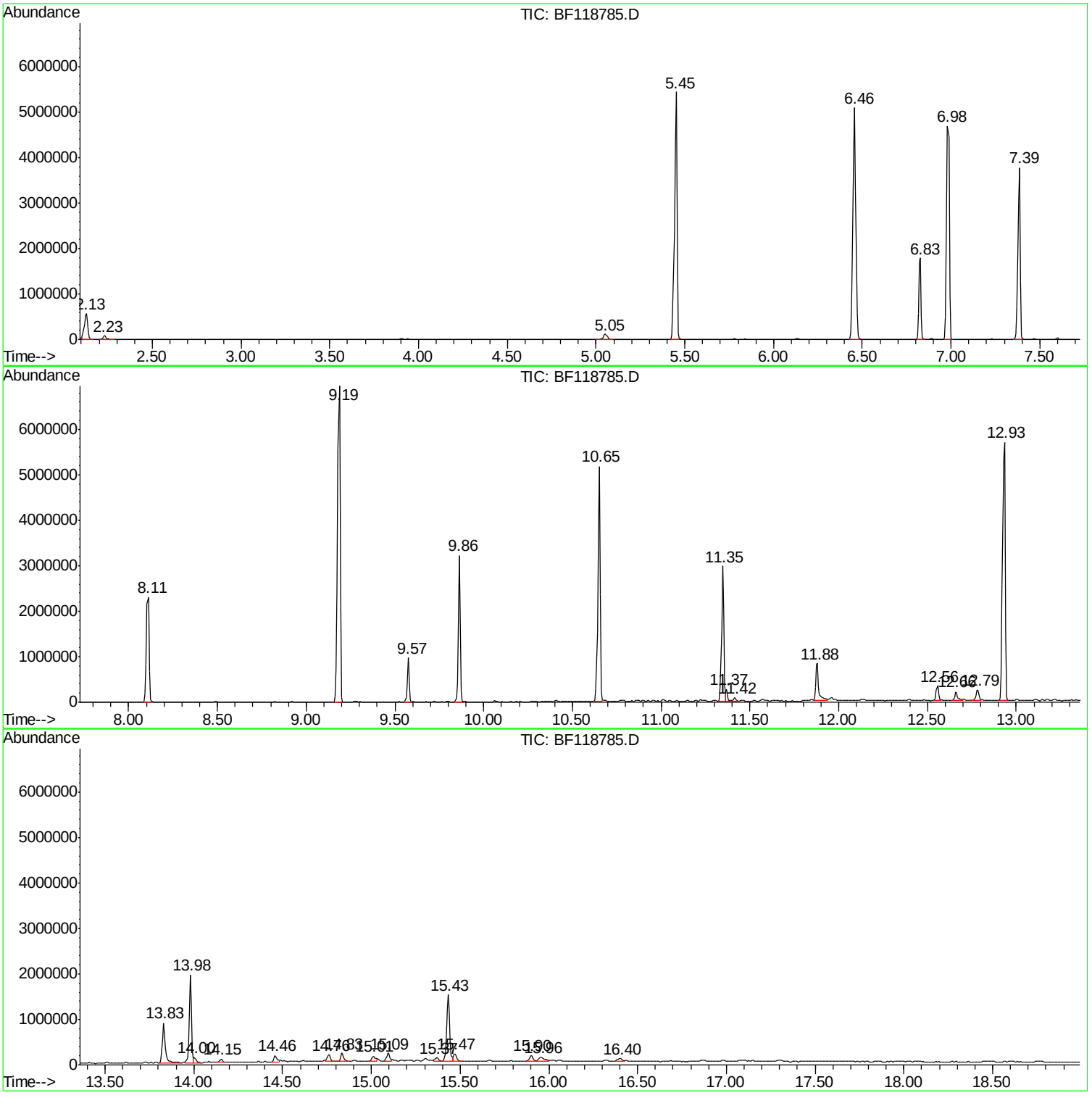
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118785.D
Acq On : 31 Jan 2020 16:45
Operator : CG/JU
Sample : L1325-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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\BF013120\
Data File : BF118785.D
Acq On : 31 Jan 2020 16:45
Operator : CG/JU
Sample : L1325-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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

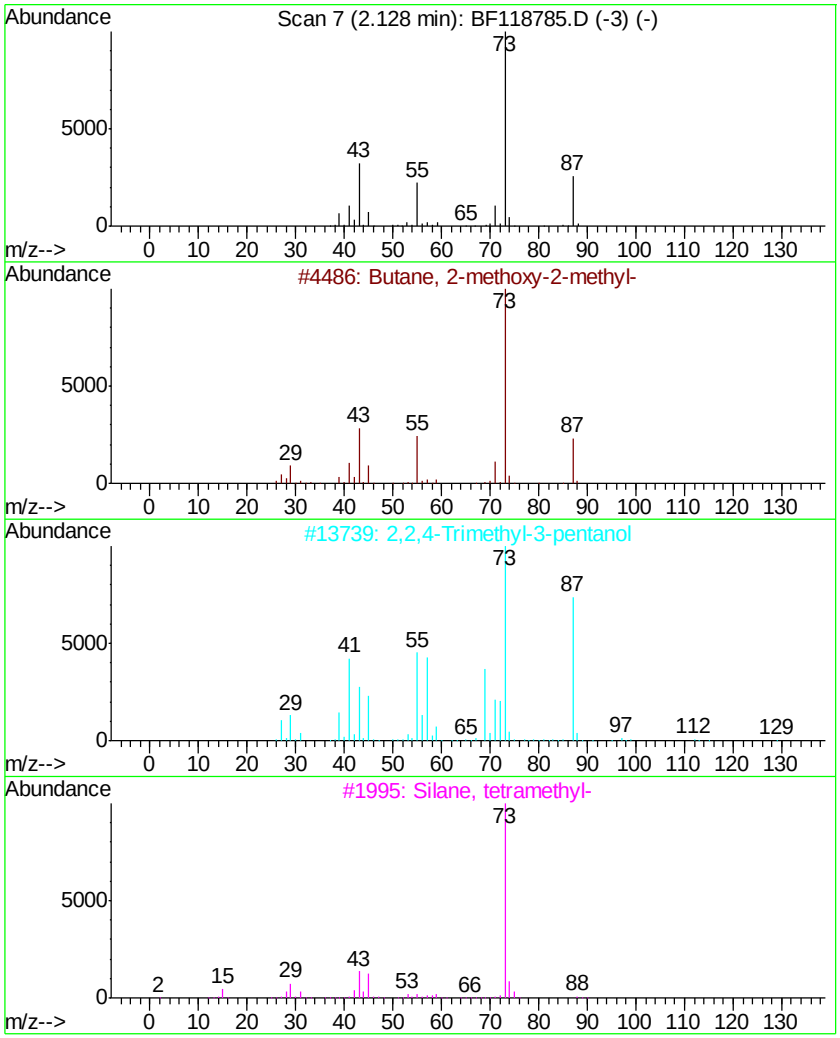
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

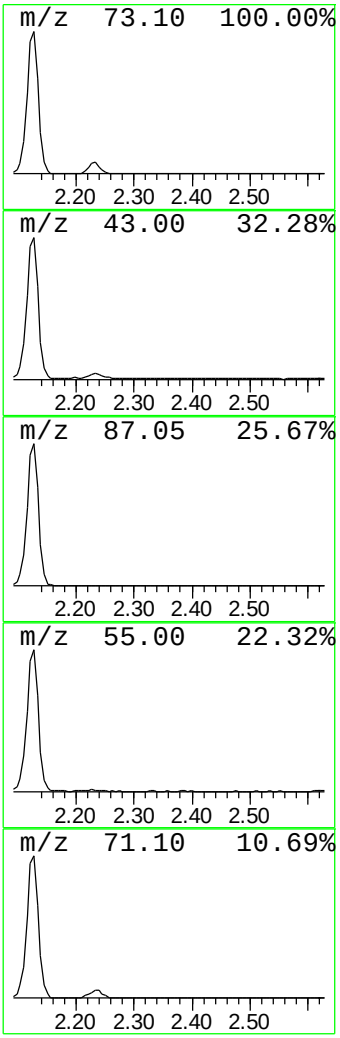
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	9.12 ng	748282	1,4-Dichlorobenzene-d4	6.83

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118785.D
Acq On : 31 Jan 2020 16:45
Operator : CG/JU
Sample : L1325-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

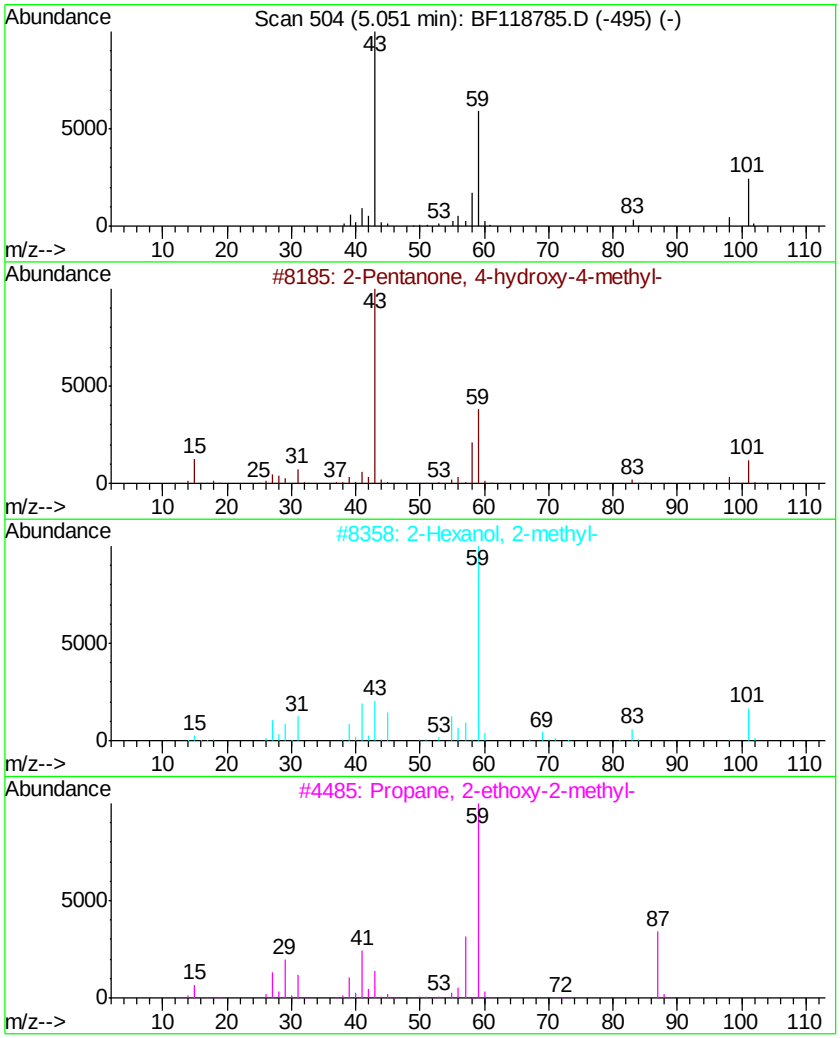
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

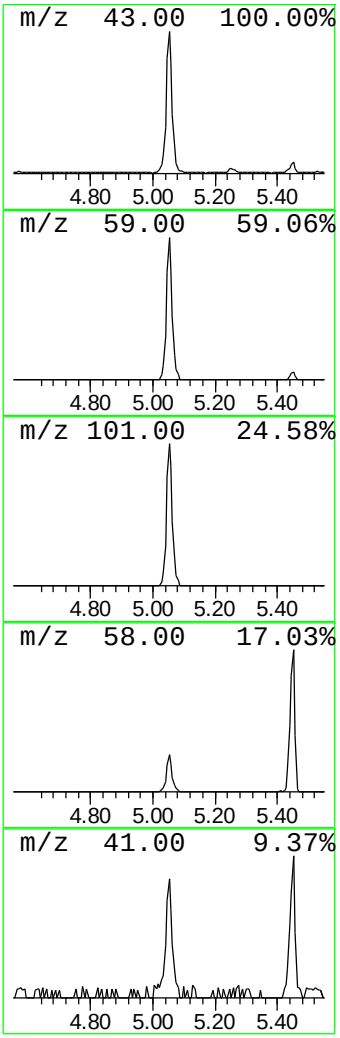
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	2.01 ng	164629	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118785.D
Acq On : 31 Jan 2020 16:45
Operator : CG/JU
Sample : L1325-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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

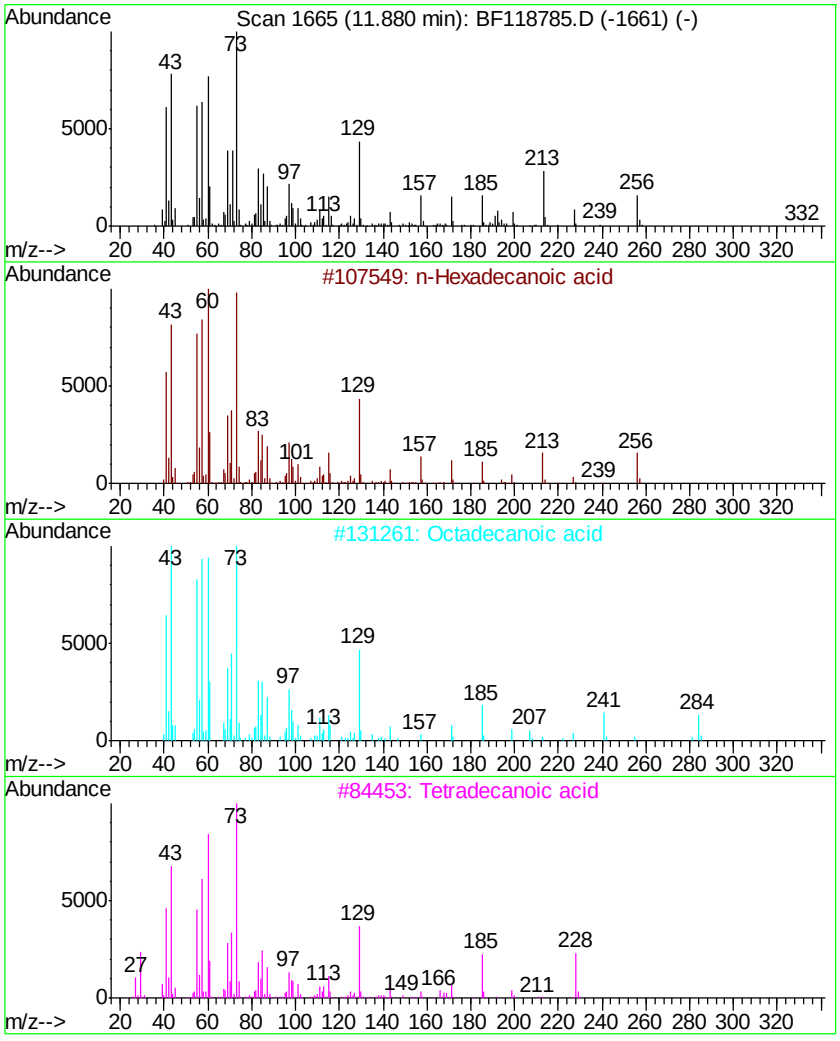
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

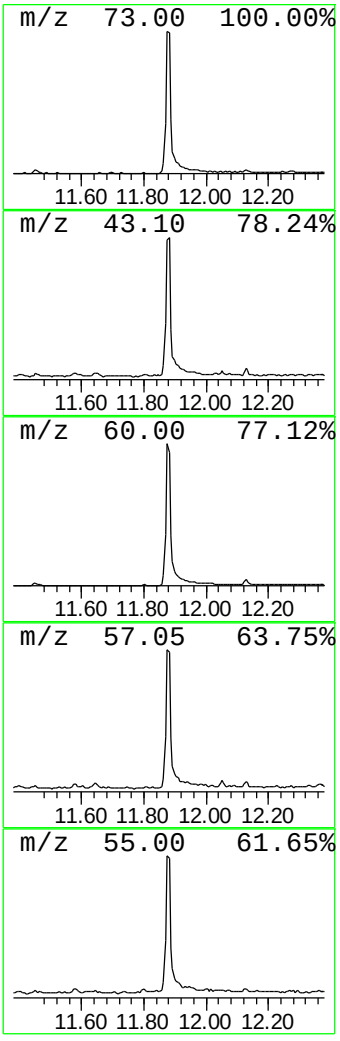
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	7.31 ng	947176	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118785.D
Acq On : 31 Jan 2020 16:45
Operator : CG/JU
Sample : L1325-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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

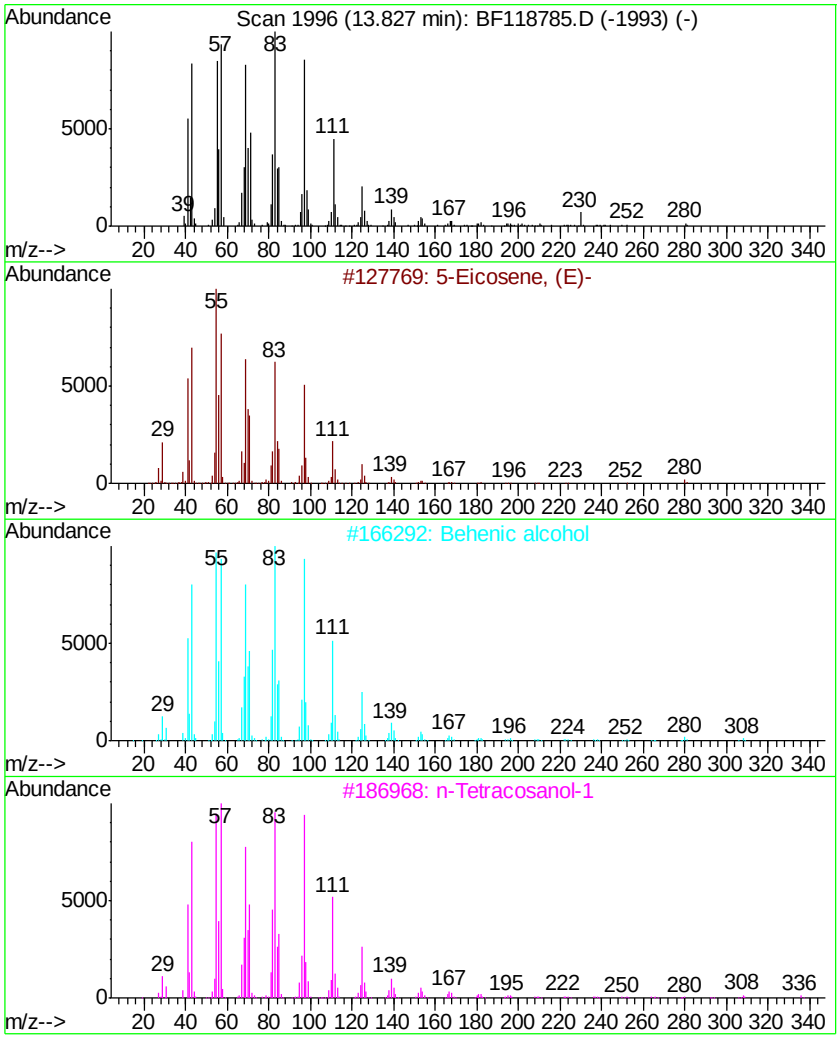
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

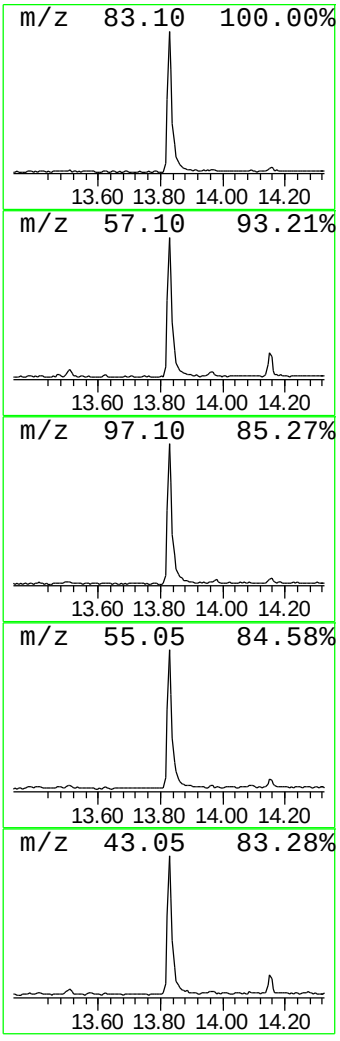
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	11.02 ng	1023720	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118785.D
Acq On : 31 Jan 2020 16:45
Operator : CG/JU
Sample : L1325-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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

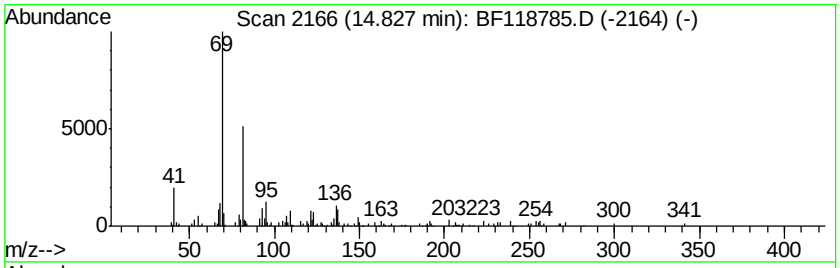
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

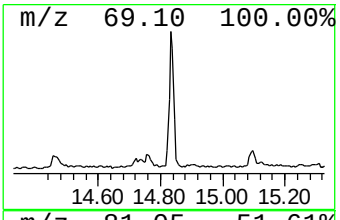
****

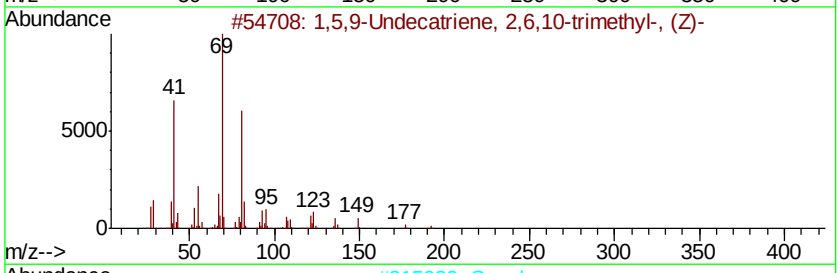
Peak Number 6 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 6

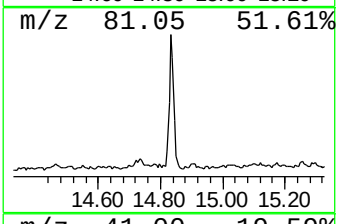
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.22 ng	200931	Perylene-d12	15.43

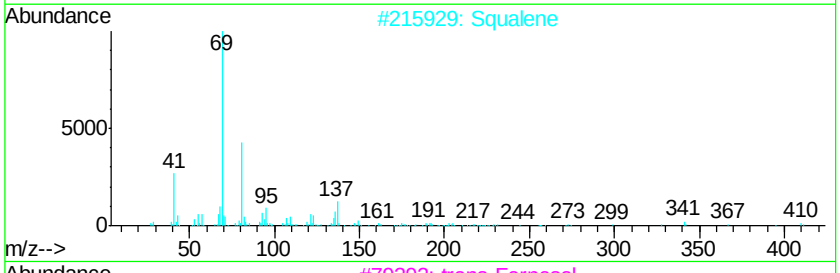
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
2	Squalene	410	C30H50	000111-02-4	78
3	trans-Farnesol	222	C15H26O	000106-28-5	64
4	Supraene	410	C30H50	007683-64-9	64
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52

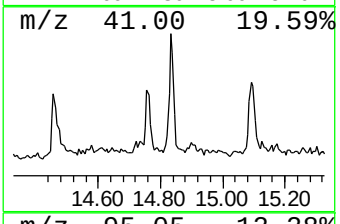


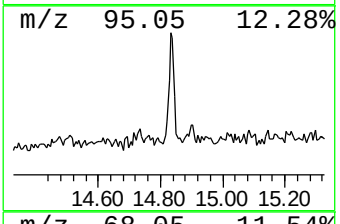


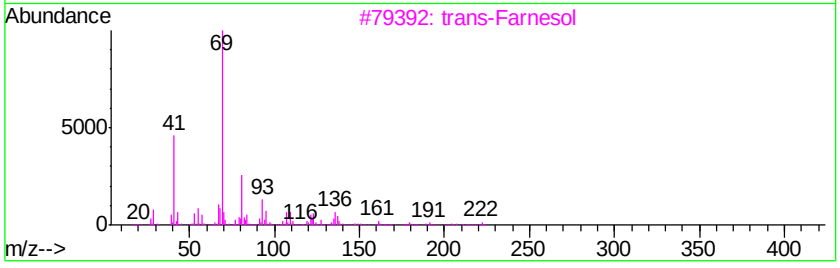


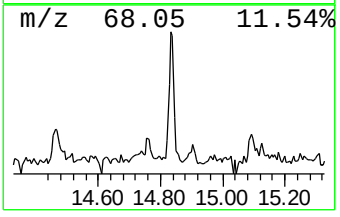












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118785.D
Acq On : 31 Jan 2020 16:45
Operator : CG/JU
Sample : L1325-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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

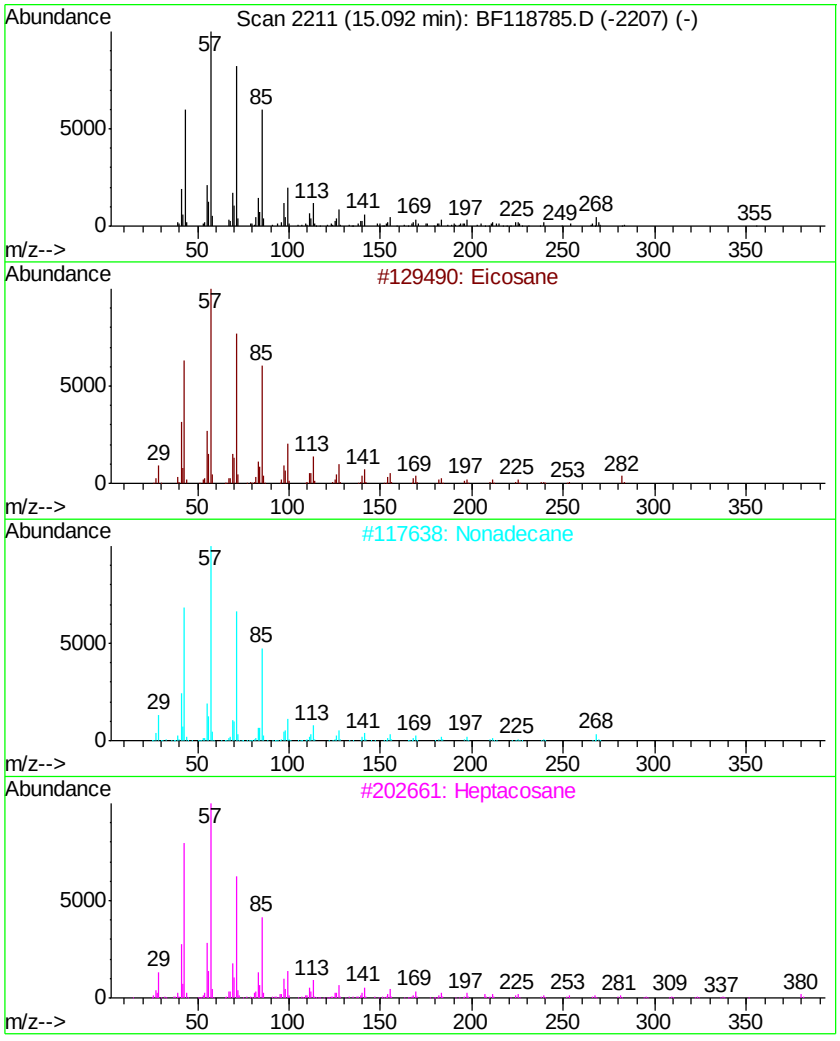
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

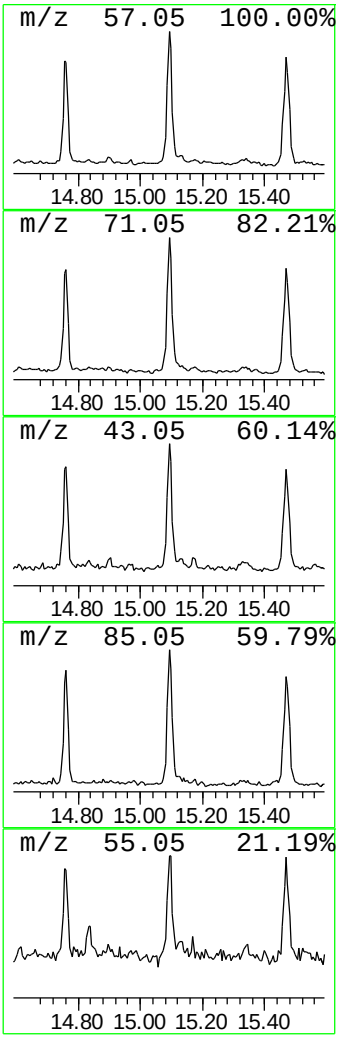
****

Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.36 ng	213215	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	96
3	Heptacosane	380	C27H56	000593-49-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heptadecane	240	C17H36	000629-78-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118785.D
Acq On : 31 Jan 2020 16:45
Operator : CG/JU
Sample : L1325-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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

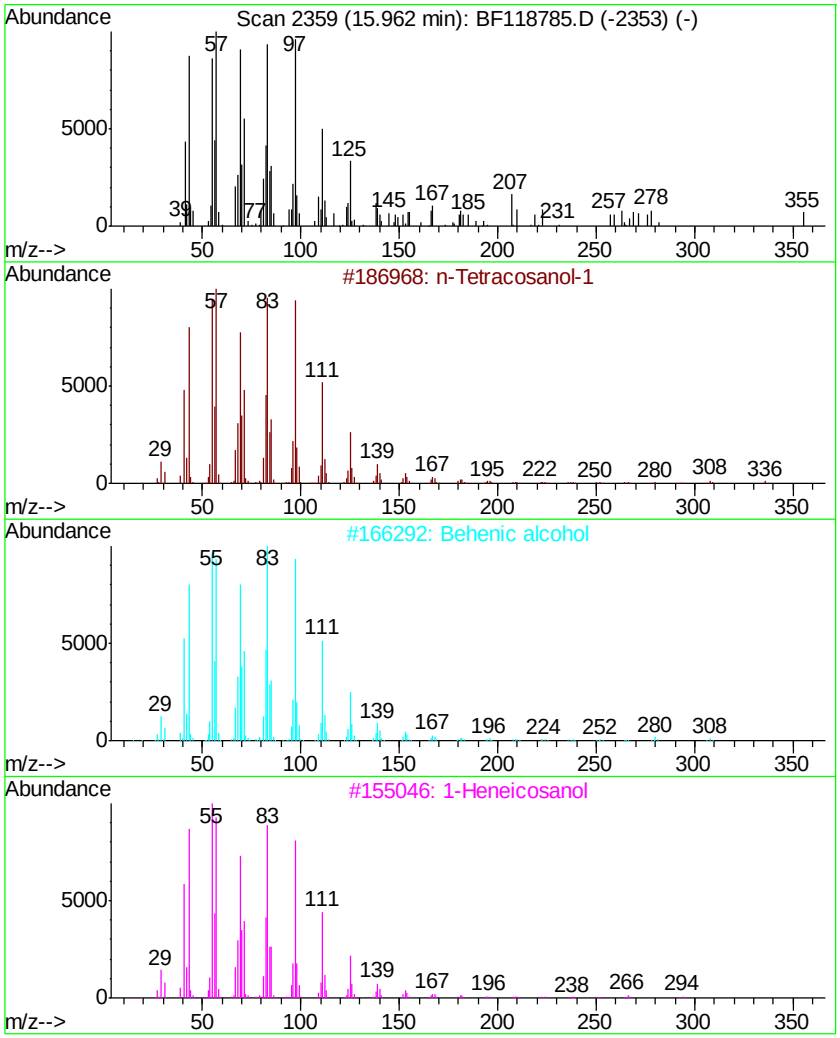
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

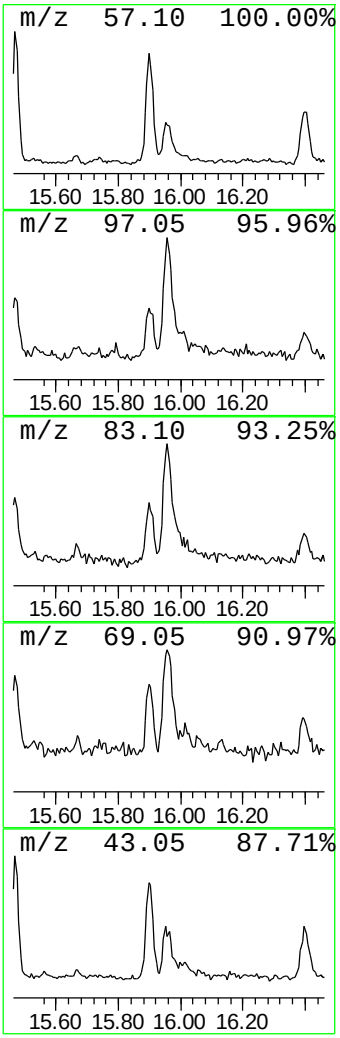
****

Peak Number 8 n-Tetracosanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.15 ng	194836	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	1-Nonadecene	266	C19H38	018435-45-5	93
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013120\
Data File : BF118785.D
Acq On : 31 Jan 2020 16:45
Operator : CG/JU
Sample : L1325-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200059

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...	2.13	9.1	ng	748282	1	6.83	1641710	20.0
2-Pentanone, 4-hy...	5.05	2.0	ng	164629	1	6.83	1641710	20.0
n-Hexadecanoic acid	11.88	7.3	ng	947176	4	11.35	2592610	20.0
5-Eicosene, (E)-	13.83	11.0	ng	1023720	5	13.98	1857400	20.0
1,5,9-Undecatrien...	14.83	2.2	ng	200931	6	15.43	1809240	20.0
Eicosane	15.09	2.4	ng	213215	6	15.43	1809240	20.0
n-Tetracosanol-1	15.96	2.1	ng	194836	6	15.43	1809240	20.0