LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118317.D
Acq On : 26 Dec 2019 15:34
Operator : JU
Sample : K6438-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-BF003-01

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-BF122419.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	5.045	499	503	515	rVB	338256	403969	11.55%	1.553%
2	5.457	570	573	588	rBV	2063291	2072716	59.26%	7.969%
3	6.481	743	747	766	rBV	2464881	2277549	65.12%	8.756%
4	6.616	766	770	774	rBV	2812520	2399497	68.61%	9.225%
5	6.845	806	809	818	rBV	688867	639840	18.29%	2.460%
6	7.004	832	836	847	rBV	2266139	1827613	52.26%	7.026%
7	7.410	901	905	918	rBV	1408652	1360874	38.91%	5.232%
8	8.133	1025	1028	1040	rBV	955428	839094	23.99%	3.226%
9	9.216	1208	1212	1215	rBV	3207171	2854215	81.61%	10.973%
10	9.610	1276	1279	1290	rVB	88385	82631	2.36%	0.318%
11	9.898	1324	1328	1336	rBV	1122521	1031585	29.50%	3.966%
12	10.686	1458	1462	1480	rBV	2269295	2081206	59.51%	8.001%
13	11.386	1578	1581	1590	rBV	1254148	1108223	31.69%	4.261%
14	11.916	1667	1671	1692	rBV	172254	262252	7.50%	1.008%
15	12.704	1800	1805	1815	rBV4	42772	70007	2.00%	0.269%
16	12.980	1847	1852	1855	rBV	4024521	3497483	100.00%	13.446%
17	13.621	1951	1961	1965	rBV10	22894	65432	1.87%	0.252%
18	13.868	2000	2003	2015	rBV	328512	509725	14.57%	1.960%
19	14.039	2028	2032	2042	rVB	1015611	927655	26.52%	3.566%
20	14.192	2055	2058	2064	rBV	51682	52827	1.51%	0.203%
21	14.504	2107	2111	2119	rBV3	85411	155152	4.44%	0.596%
22	14.809	2157	2163	2169	rBV2	92000	130716	3.74%	0.503%
23	14.886	2173	2176	2181	rVB	61986	65115	1.86%	0.250%
24	15.151	2218	2221	2225	rBV	89073	103822	2.97%	0.399%
25	15.527	2278	2285	2293	rBV	730545	1030024	29.45%	3.960%
26	15.980	2357	2362	2368	rVB2	57658	83118	2.38%	0.320%
27	16.051	2368	2374	2380	rBV8	27168	78650	2.25%	0.302%

Sum of corrected areas: 26010990

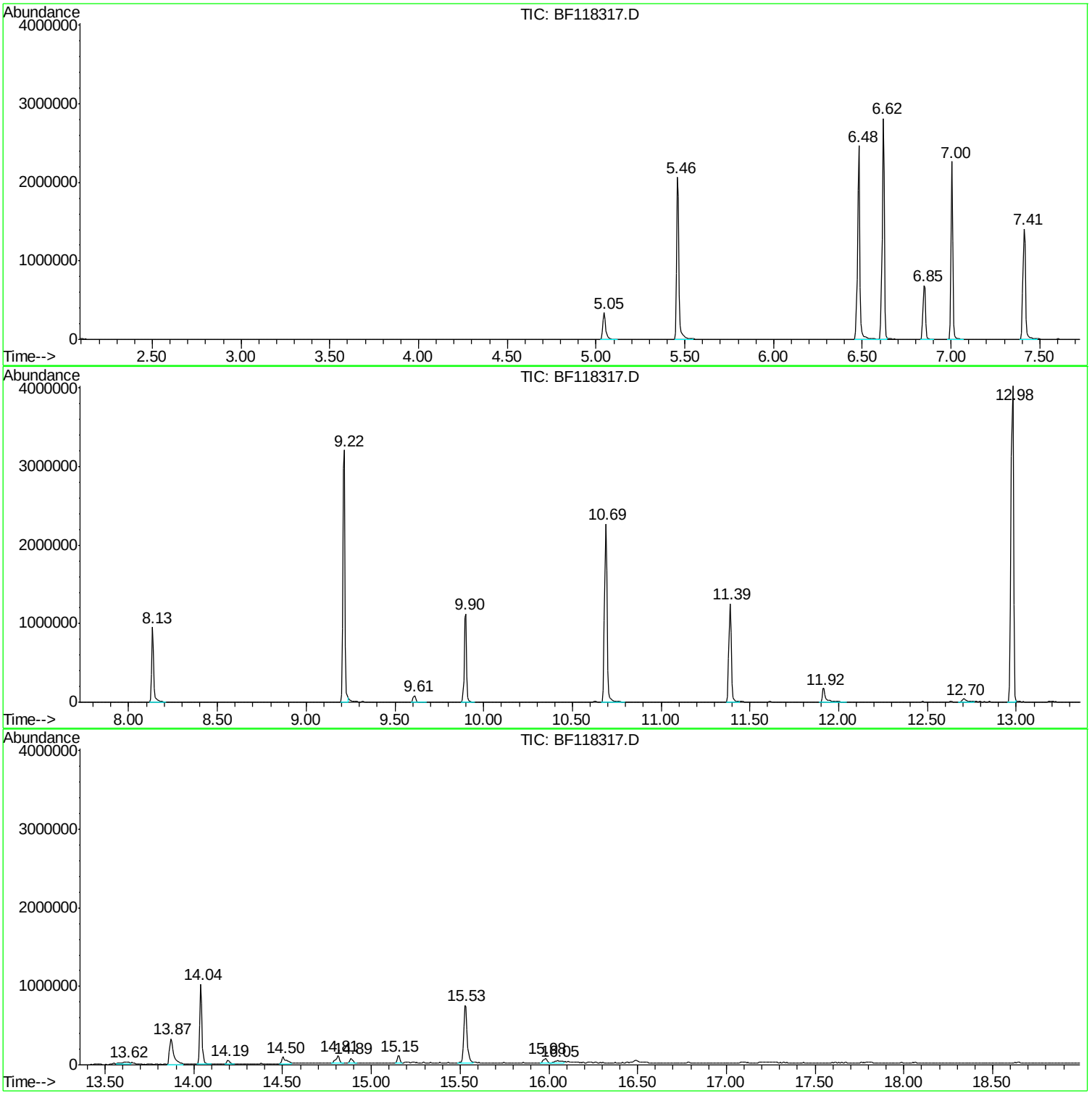
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118317.D
Acq On : 26 Dec 2019 15:34
Operator : JU
Sample : K6438-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-BF003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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\BF122619\
Data File : BF118317.D
Acq On : 26 Dec 2019 15:34
Operator : JU
Sample : K6438-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-BF003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

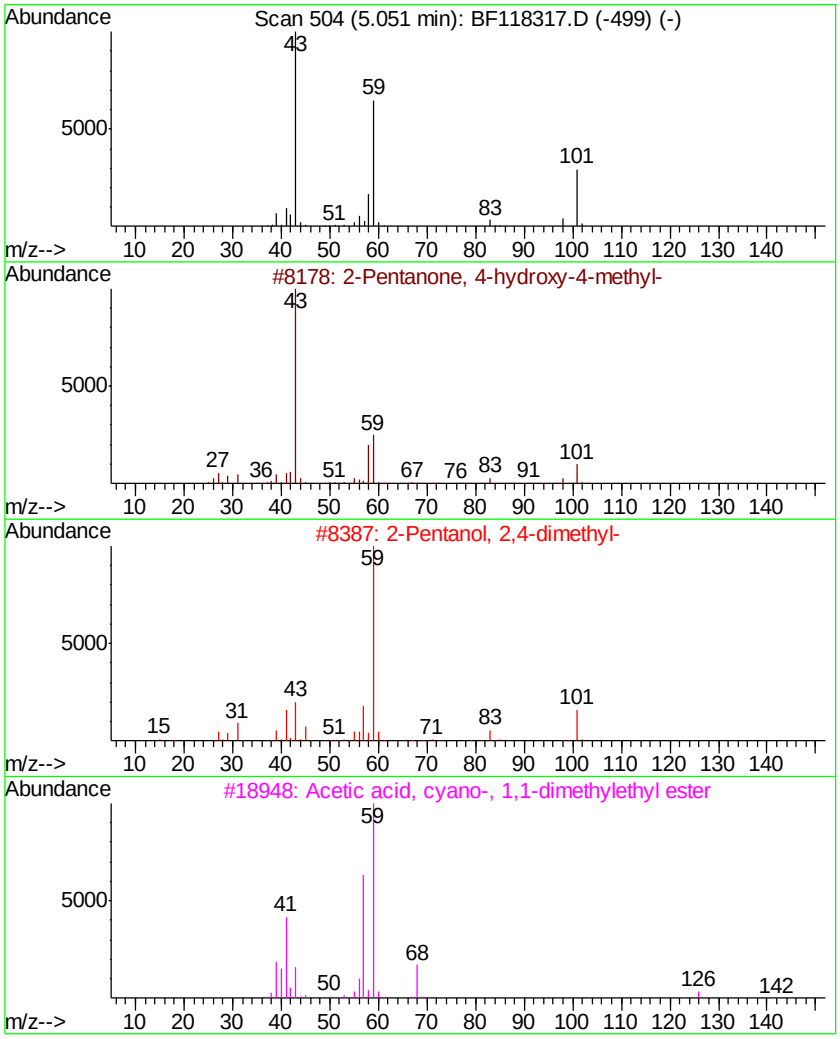
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

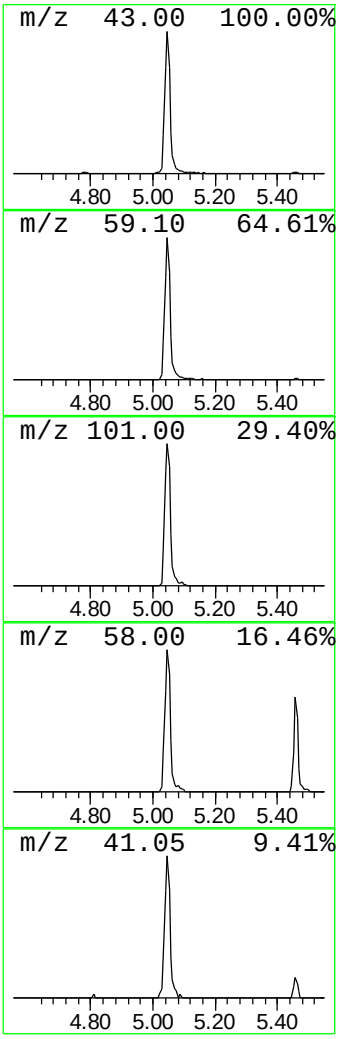
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	12.63 ng	403969	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118317.D
Acq On : 26 Dec 2019 15:34
Operator : JU
Sample : K6438-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-BF003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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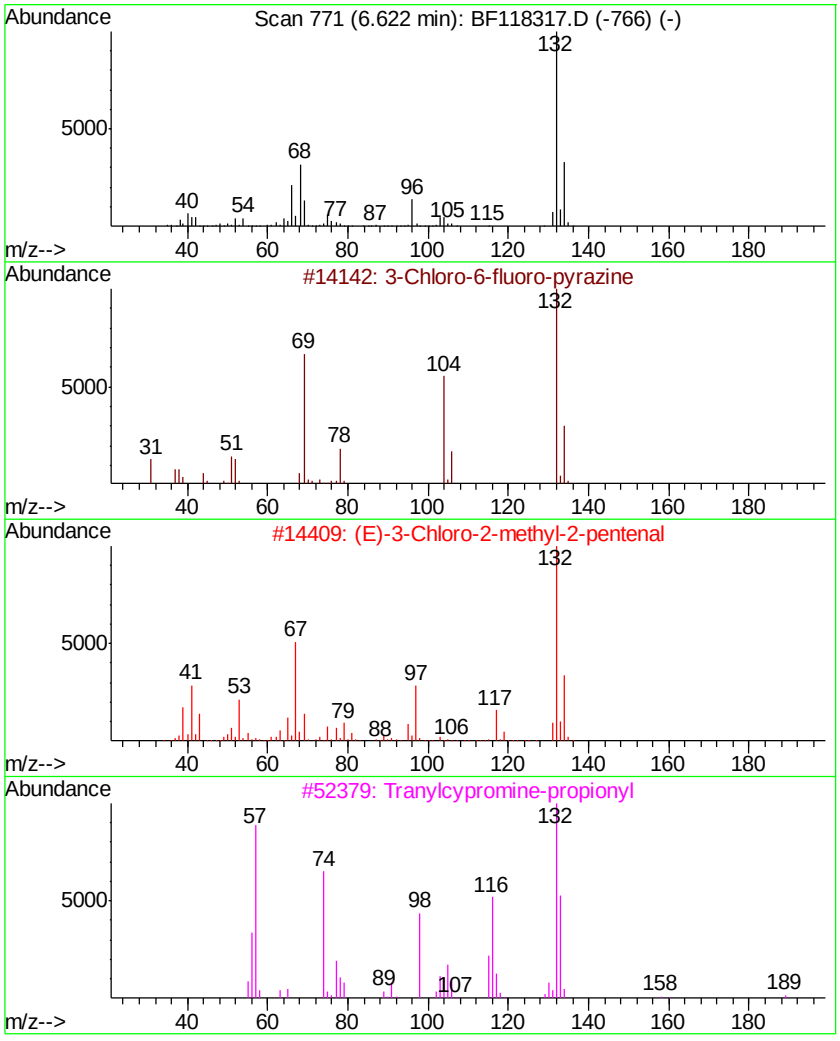
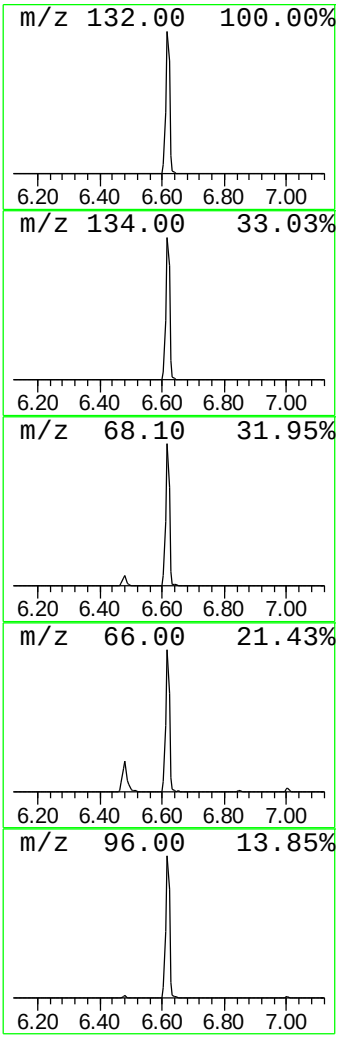
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	75.00 ng	2399500	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118317.D
Acq On : 26 Dec 2019 15:34
Operator : JU
Sample : K6438-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-BF003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

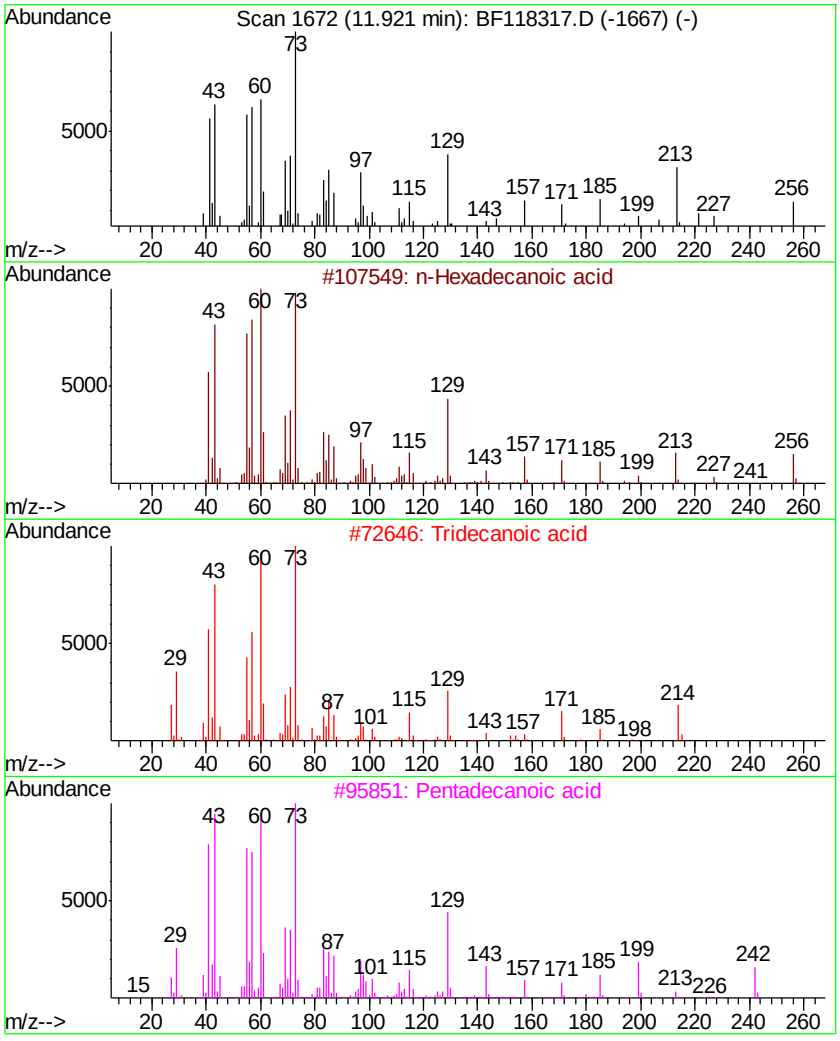
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

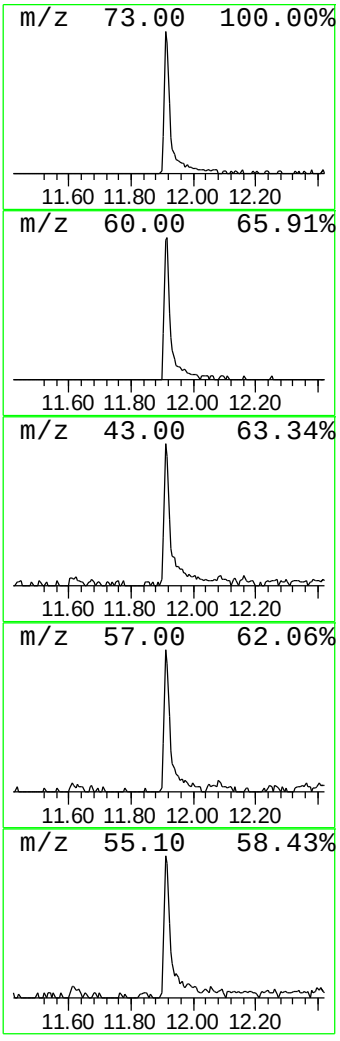
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.73 ng	262252	Phenanthrene-d10	11.39

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	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118317.D
Acq On : 26 Dec 2019 15:34
Operator : JU
Sample : K6438-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-BF003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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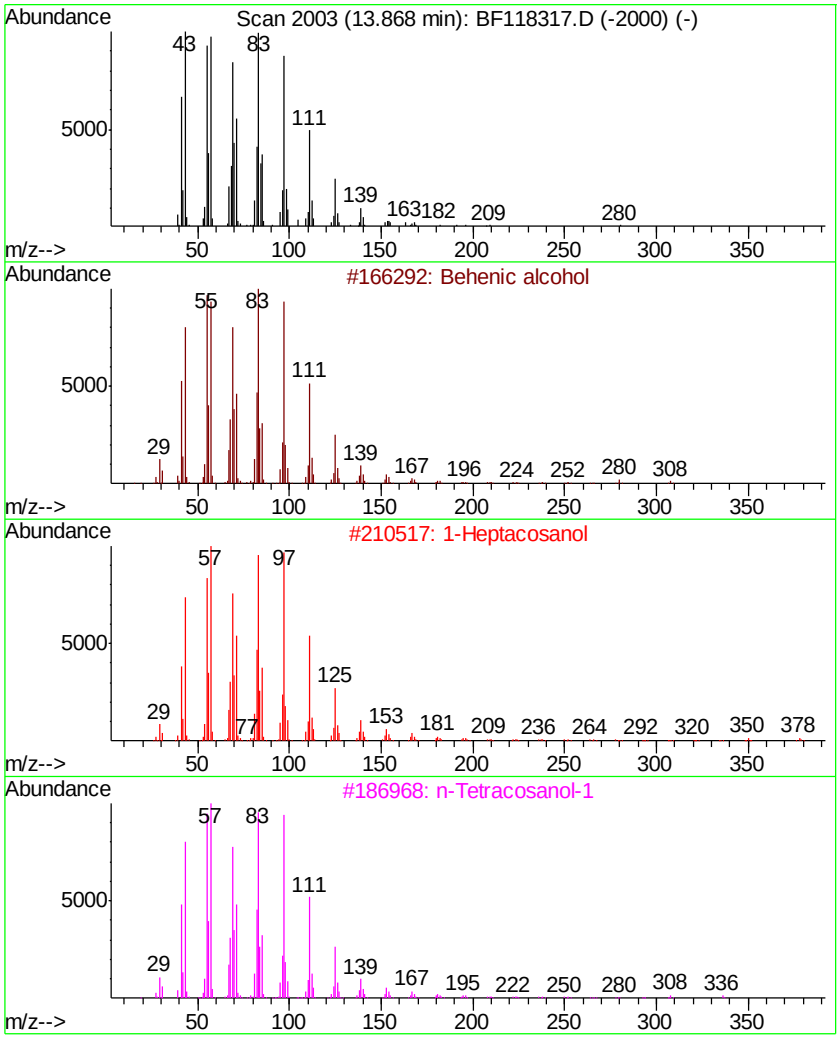
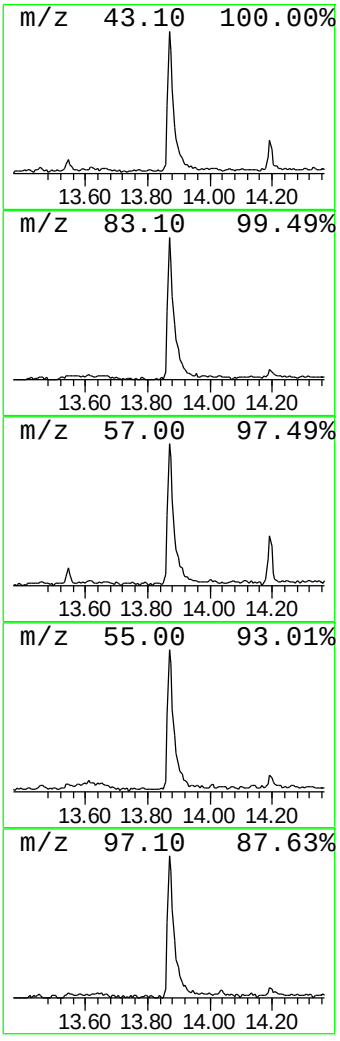
Peak Number 5 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	10.99 ng	509725	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	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	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118317.D
Acq On : 26 Dec 2019 15:34
Operator : JU
Sample : K6438-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-BF003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

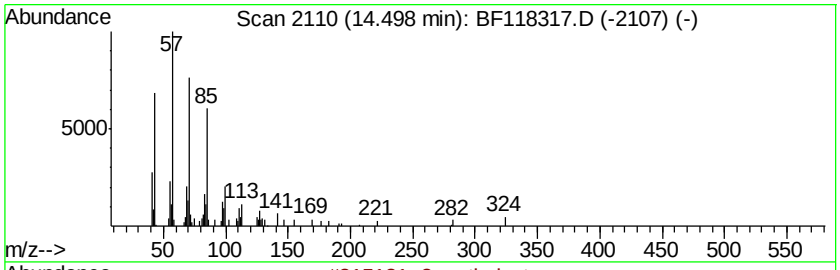
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

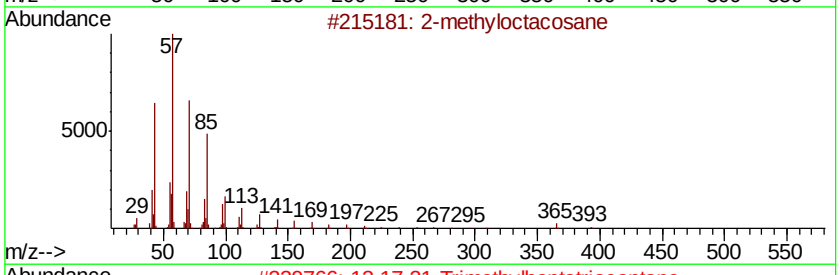
****

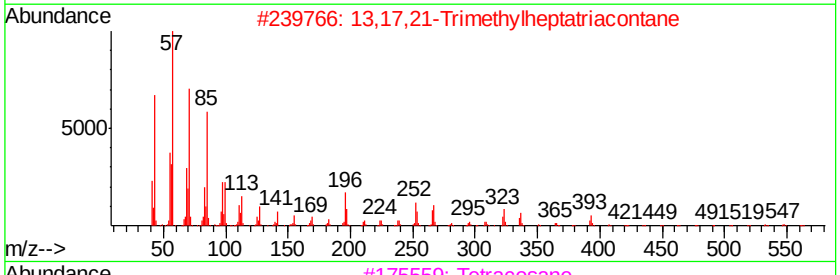
Peak Number 6 2-methyloctacosane Concentration Rank 6

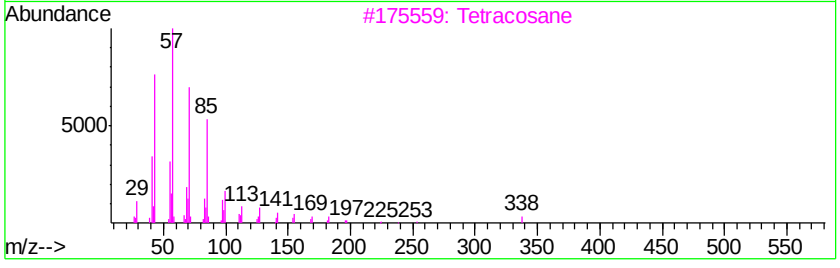
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.35 ng	155152	Chrysene-d12	14.04

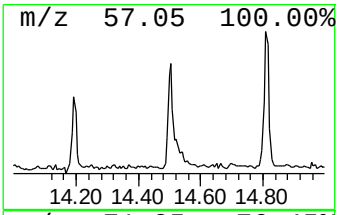
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	13,17,21-Trimethylheptatriacontane	563	C40H82	058668-40-9	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentacosane	352	C25H52	000629-99-2	86

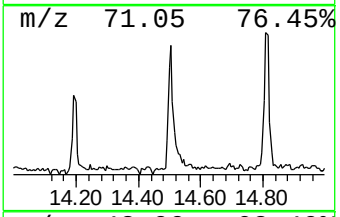


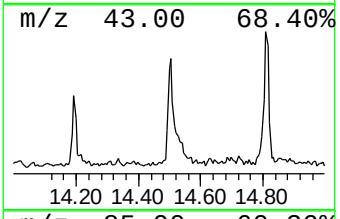


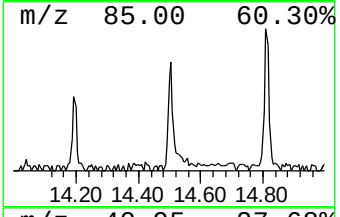


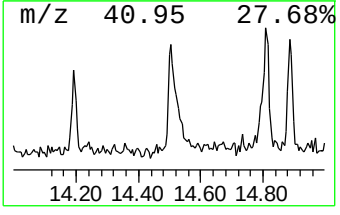












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118317.D
Acq On : 26 Dec 2019 15:34
Operator : JU
Sample : K6438-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-BF003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

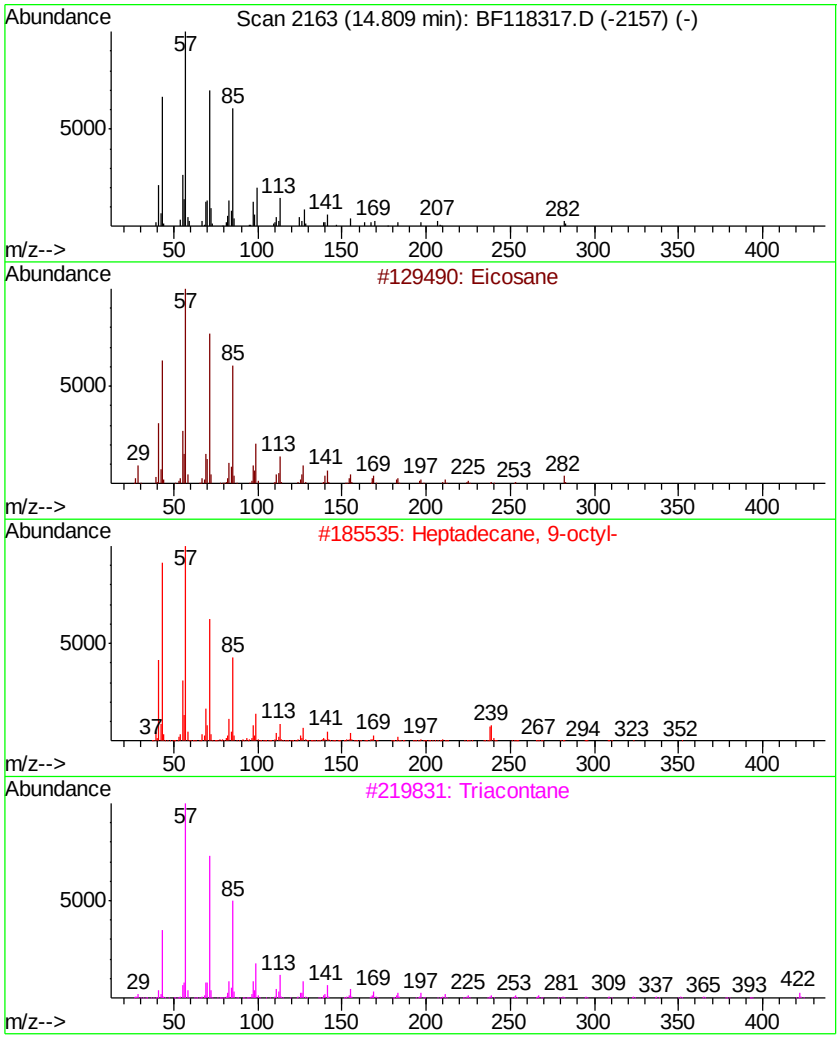
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

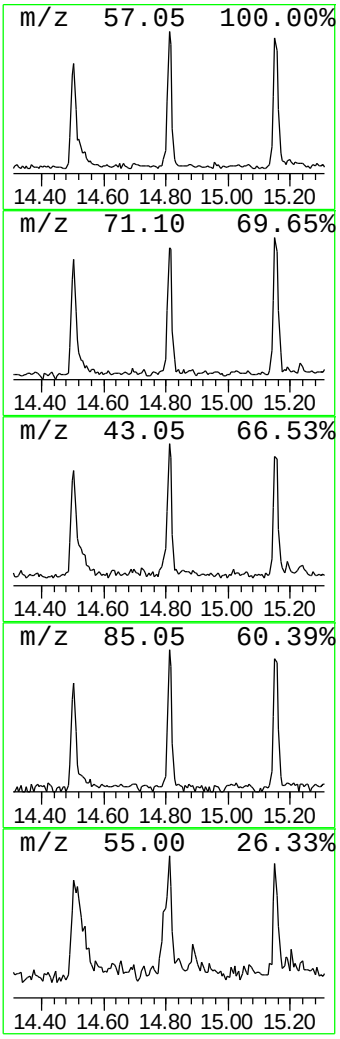
****

Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.54 ng	130716	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Pentacosane	352	C25H52	000629-99-2	87





Library Search Compound Report

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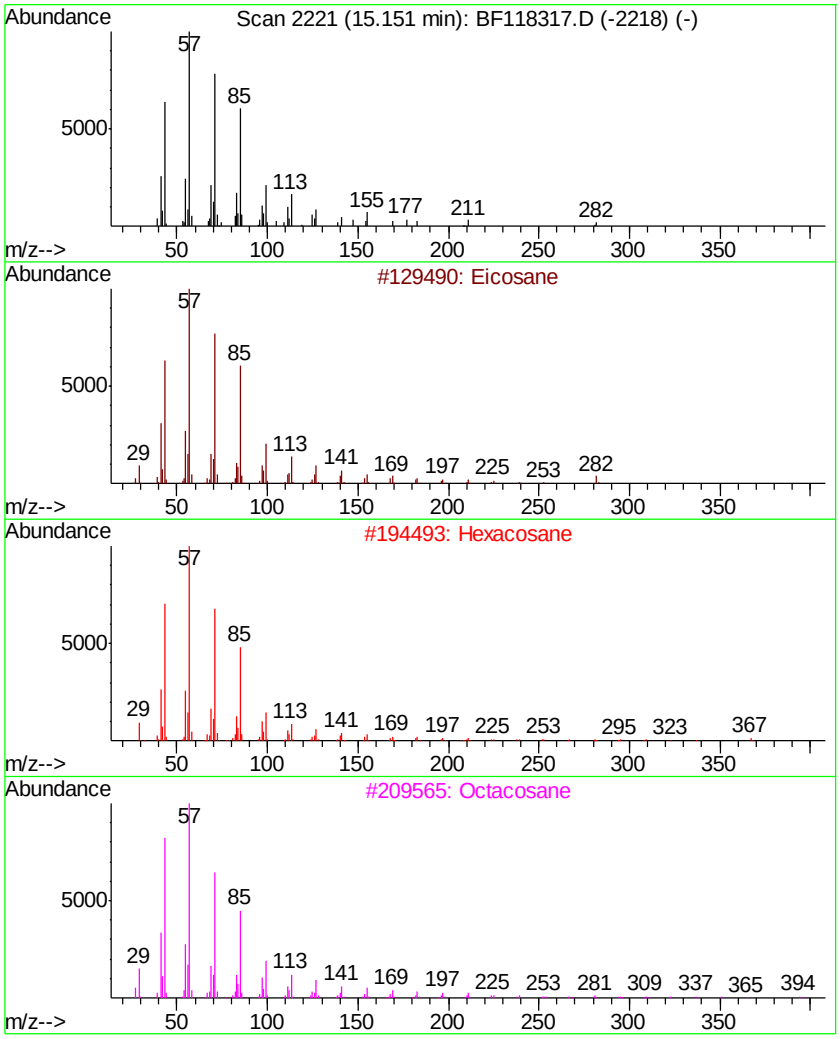
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

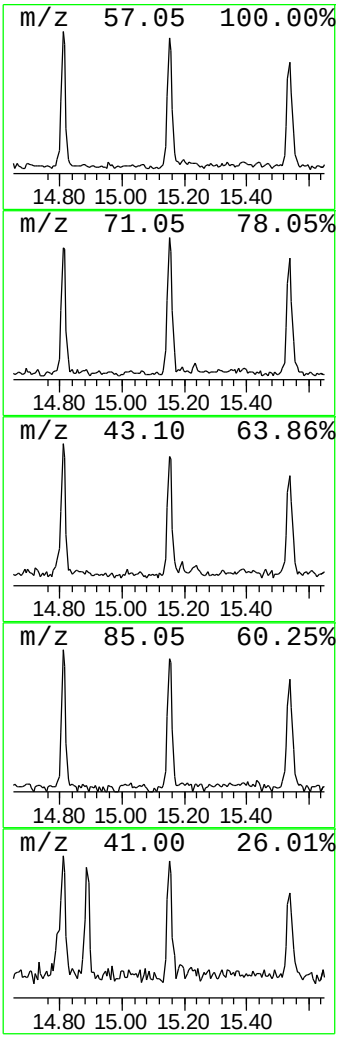
****

Peak Number 8 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	2.02 ng	103822	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptacosane	380	C27H56	000593-49-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122619\
Data File : BF118317.D
Acq On : 26 Dec 2019 15:34
Operator : JU
Sample : K6438-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-BF003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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
2-Pentanone, 4-hy...	5.05	12.6	ng	403969	1	6.85	639840	20.0
unknown6.62	6.62	75.0	ng	2399500	1	6.85	639840	20.0
n-Hexadecanoic acid	11.92	4.7	ng	262252	4	11.39	1108220	20.0
Behenic alcohol	13.87	11.0	ng	509725	5	14.04	927655	20.0
2-methyloctacosane	14.50	3.4	ng	155152	5	14.04	927655	20.0
Eicosane	14.81	2.5	ng	130716	6	15.53	1030020	20.0
Hexacosane	15.15	2.0	ng	103822	6	15.53	1030020	20.0