LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026735.D
Acq On : 10 Jul 2020 15:48
Operator : JU/CG
Sample : L3246-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JA-COMP

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_M\METHODS\8270-BM070820.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	4.963	347	353	367	rBV	1732849	2416357	59.12%	8.436%
2	6.534	613	620	633	rBV	1678509	2504747	61.29%	8.744%
3	7.322	748	754	762	rBV	422008	635013	15.54%	2.217%
4	7.633	800	807	821	rBV	1359292	2035294	49.80%	7.105%
5	8.469	942	949	965	rBV	1024229	1647453	40.31%	5.751%
6	10.075	1215	1222	1235	rBV	489900	801585	19.61%	2.798%
7	12.592	1643	1650	1662	rBV	2025499	3003401	73.49%	10.485%
8	13.298	1764	1770	1776	rVB2	44039	60859	1.49%	0.212%
9	13.463	1791	1798	1806	rBV	163793	240891	5.89%	0.841%
10	13.863	1855	1866	1873	rBV3	16806	51692	1.26%	0.180%
11	13.980	1878	1886	1895	rVB	635456	950101	23.25%	3.317%
12	15.492	2136	2143	2155	rBV	1648797	2265404	55.43%	7.909%
13	15.998	2221	2229	2235	rBV2	21988	41465	1.01%	0.145%
14	16.745	2348	2356	2361	rBV	739361	1006749	24.63%	3.515%
15	16.833	2367	2371	2375	rBV2	39586	52267	1.28%	0.182%
16	17.621	2500	2505	2510	rBV5	31178	52577	1.29%	0.184%
17	17.686	2510	2516	2524	rBV	269544	407051	9.96%	1.421%
18	18.427	2638	2642	2648	rBV	91409	116292	2.85%	0.406%
19	18.709	2685	2690	2698	rBV6	28668	56528	1.38%	0.197%
20	18.797	2701	2705	2706	rBV	67314	68149	1.67%	0.238%
21	18.815	2706	2708	2712	rVB	69279	89864	2.20%	0.314%
22	18.980	2732	2736	2742	rBV3	66082	104340	2.55%	0.364%
23	19.180	2767	2770	2775	rVB	91017	117665	2.88%	0.411%
24	19.409	2803	2809	2818	rBV	3442168	4086917	100.00%	14.268%
25	20.062	2917	2920	2923	rBV3	45400	50511	1.24%	0.176%
26	20.715	3027	3031	3042	rBV	506710	671983	16.44%	2.346%
27	20.962	3068	3073	3078	rBV	972692	1266523	30.99%	4.422%
28	22.462	3325	3328	3331	rVB	272592	319045	7.81%	1.114%
29	22.503	3332	3335	3344	rVB	234898	345270	8.45%	1.205%
30	23.038	3420	3426	3432	rBV	726857	1229643	30.09%	4.293%
31	23.544	3507	3512	3519	rVB	859494	1439493	35.22%	5.025%
32	23.621	3521	3525	3534	rVB	259145	509048	12.46%	1.777%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026735.D
Acq On : 10 Jul 2020 15:48
Operator : JU/CG
Sample : L3246-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JA-COMP

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_M\METHODS\8270-BM070820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 28644177

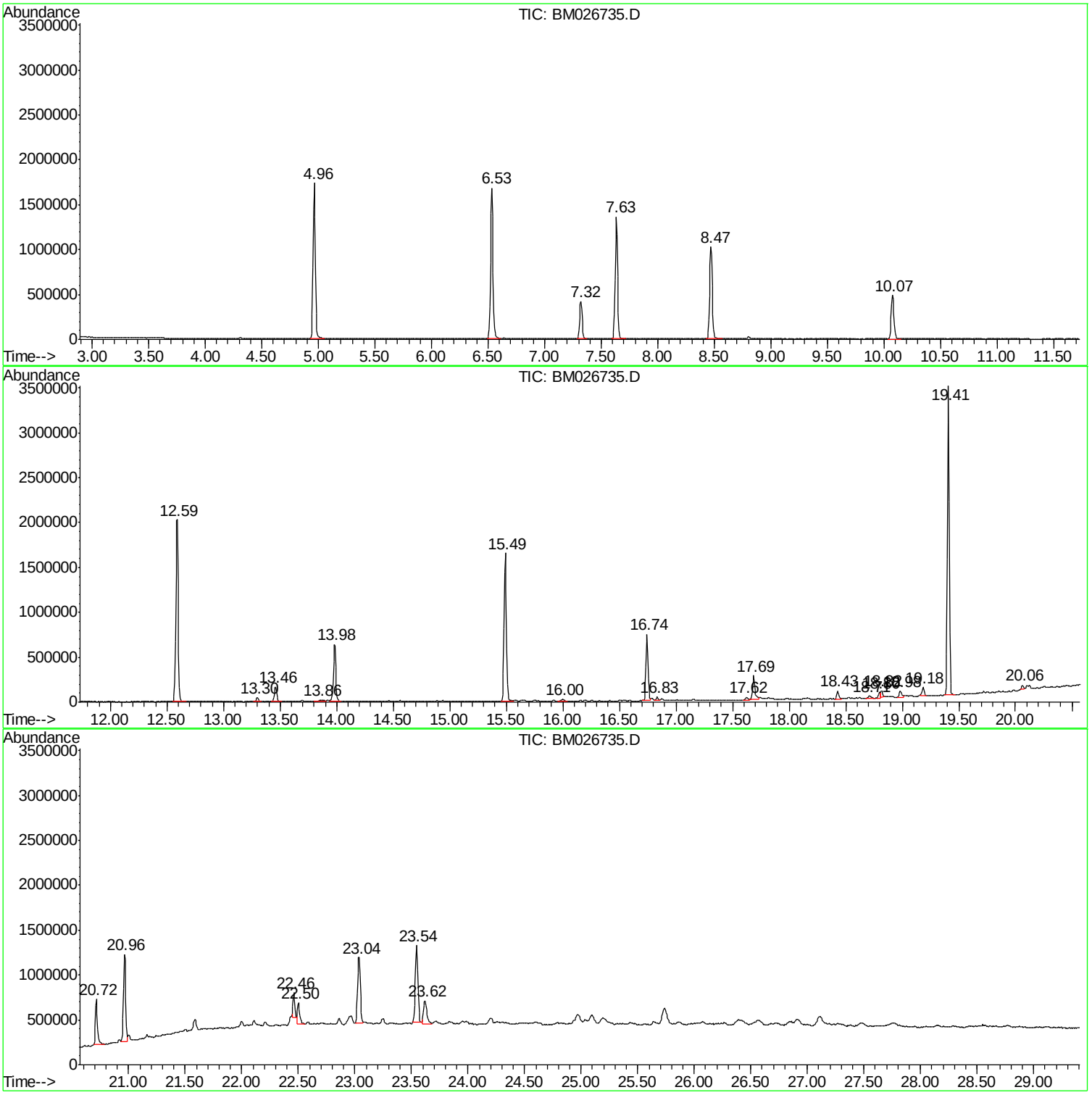
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026735.D
Acq On : 10 Jul 2020 15:48
Operator : JU/CG
Sample : L3246-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JA-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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 M\DATA\BM071020\
Data File : BM026735.D
Acq On : 10 Jul 2020 15:48
Operator : JU/CG
Sample : L3246-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JA-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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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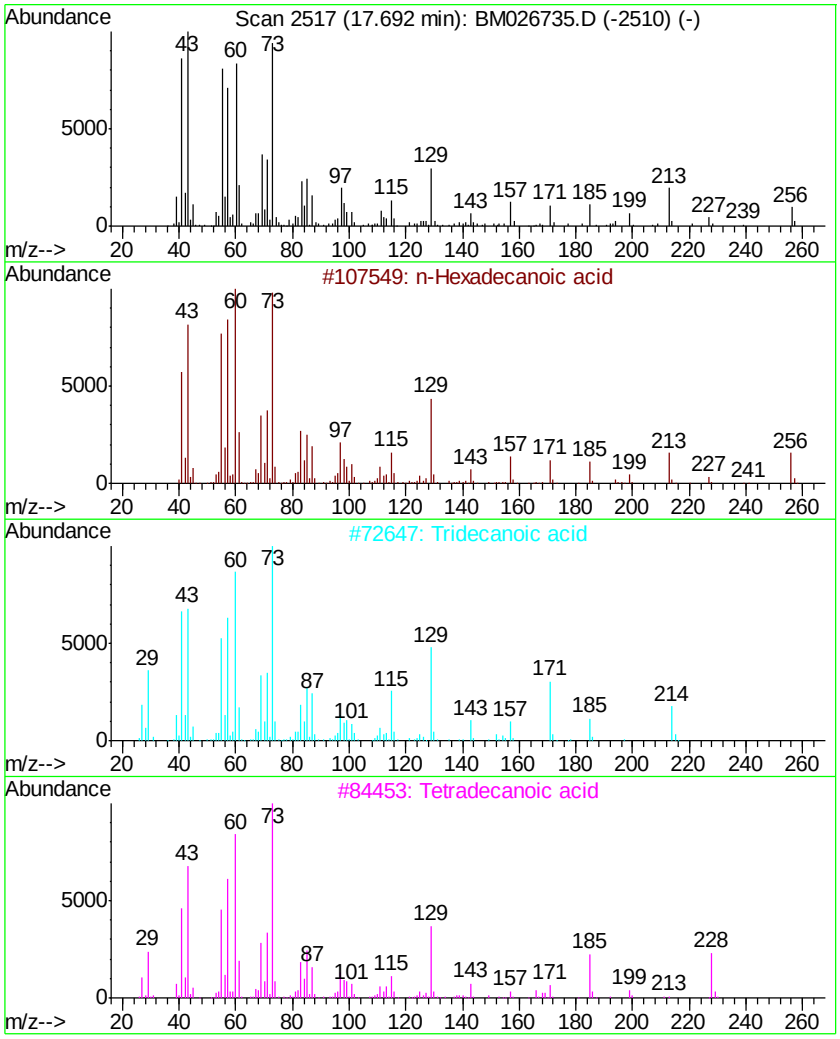
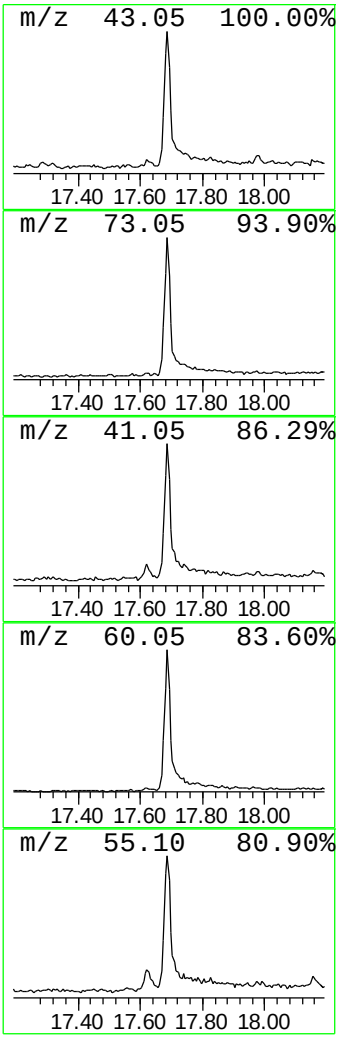
Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	8.09 ng	407051	Phenanthrene-d10	16.74

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026735.D
Acq On : 10 Jul 2020 15:48
Operator : JU/CG
Sample : L3246-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JA-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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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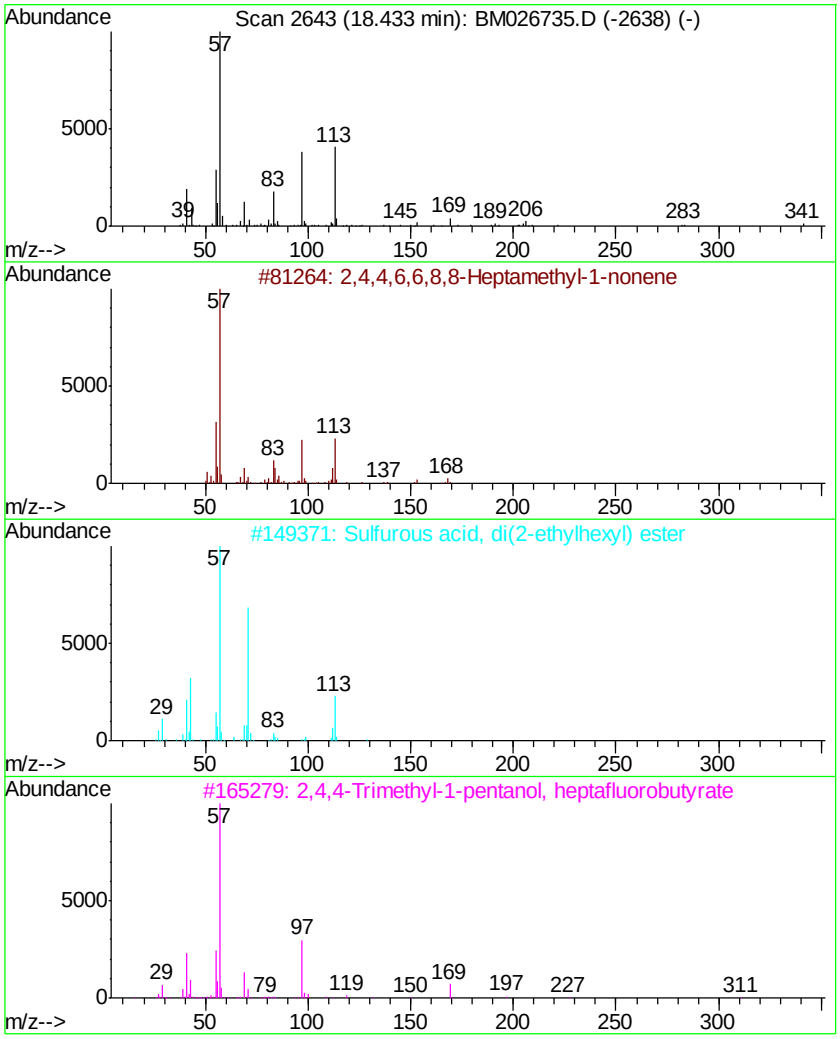
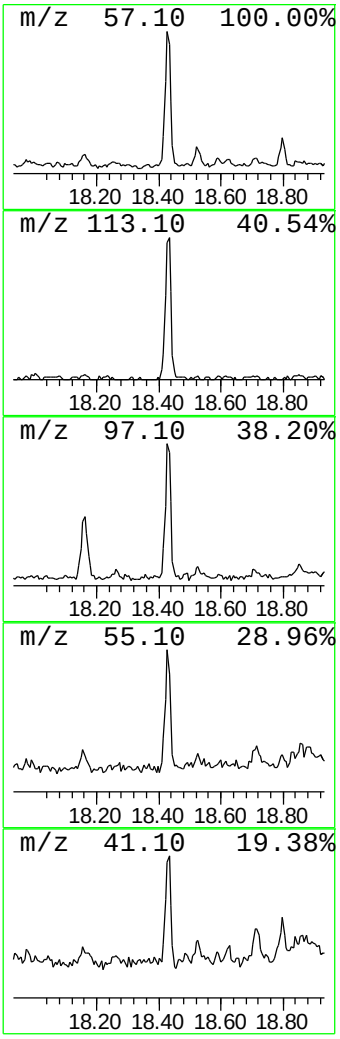
Peak Number 3 unknown18.43 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.31 ng	116292	Phenanthrene-d10	16.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	38
2	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	38
3	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	38
4	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	38
5	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026735.D
Acq On : 10 Jul 2020 15:48
Operator : JU/CG
Sample : L3246-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JA-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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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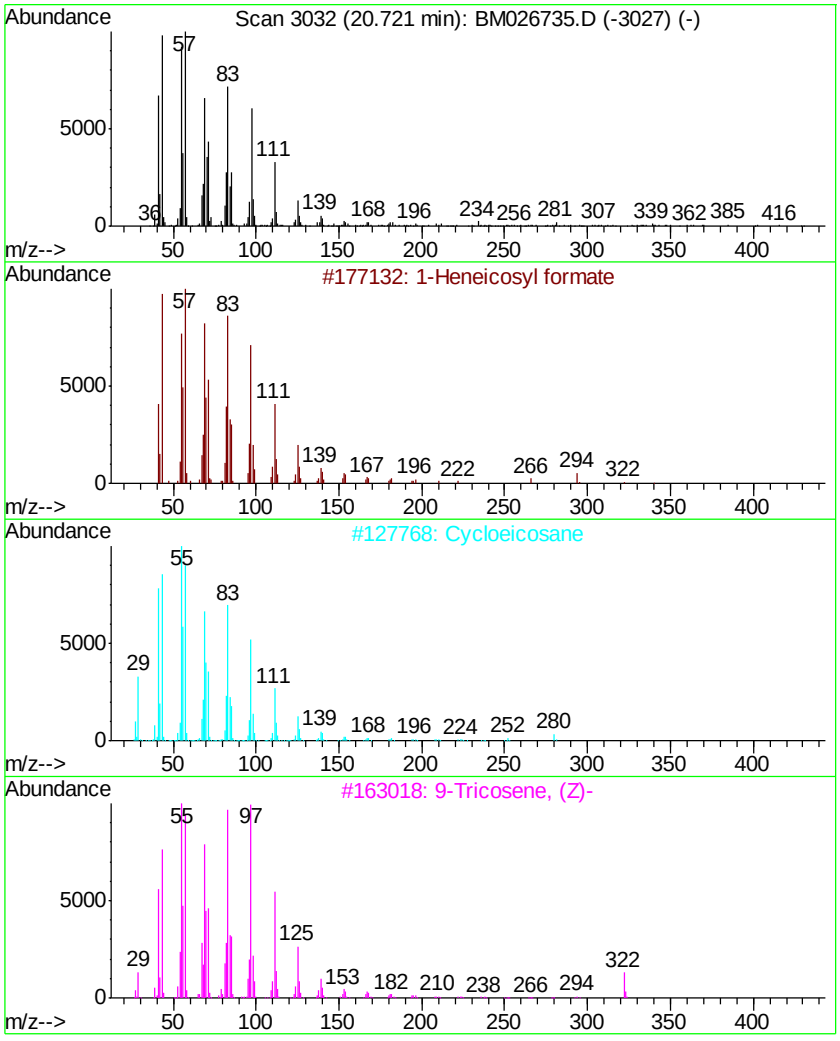
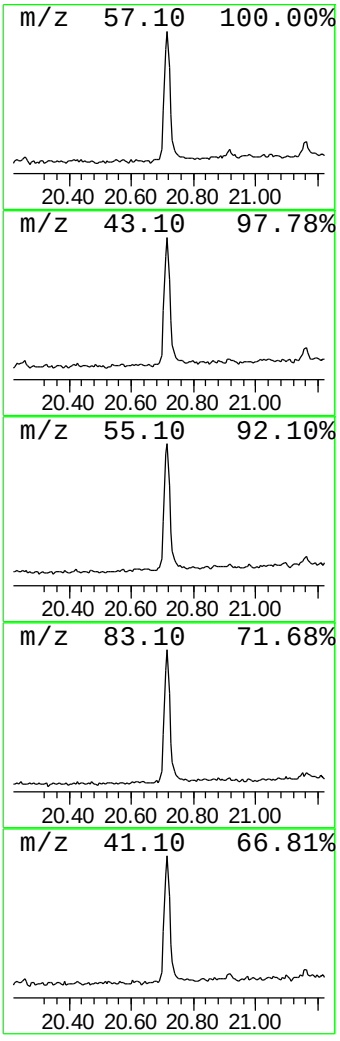
Peak Number 4 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	10.61 ng	671983	Chrysene-d12	20.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	98
2	Cycloeicosane	280	C20H40	000296-56-0	96
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
4	Cyclotetracosane	336	C24H48	000297-03-0	94
5	1-Docosene	308	C22H44	001599-67-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026735.D
Acq On : 10 Jul 2020 15:48
Operator : JU/CG
Sample : L3246-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JA-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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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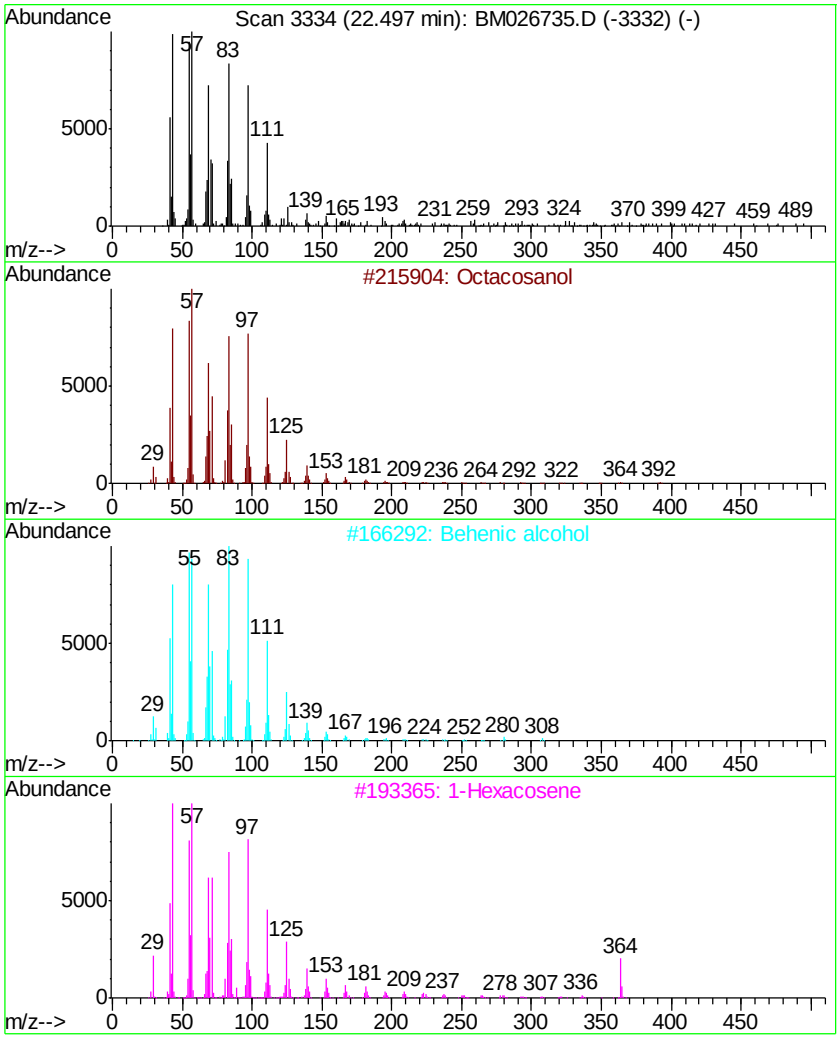
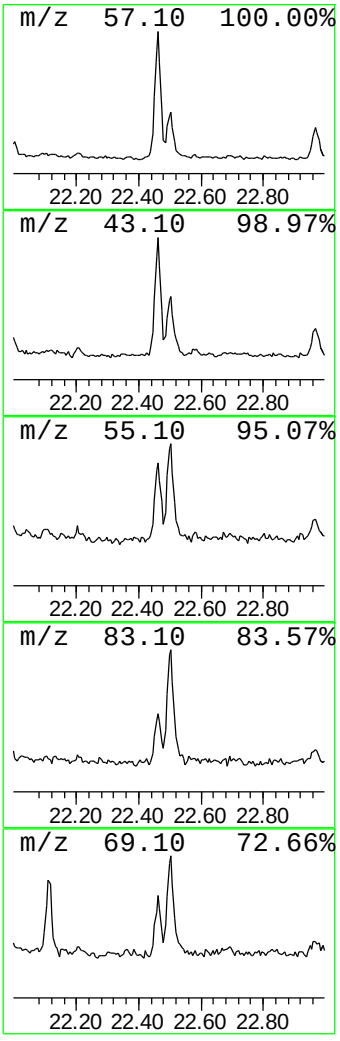
Peak Number 5 Octacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	5.62 ng	345270	Perylene-d12	23.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Hexacosene	364	C26H52	018835-33-1	90
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	83
5	1-Octadecene	252	C18H36	000112-88-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026735.D
Acq On : 10 Jul 2020 15:48
Operator : JU/CG
Sample : L3246-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JA-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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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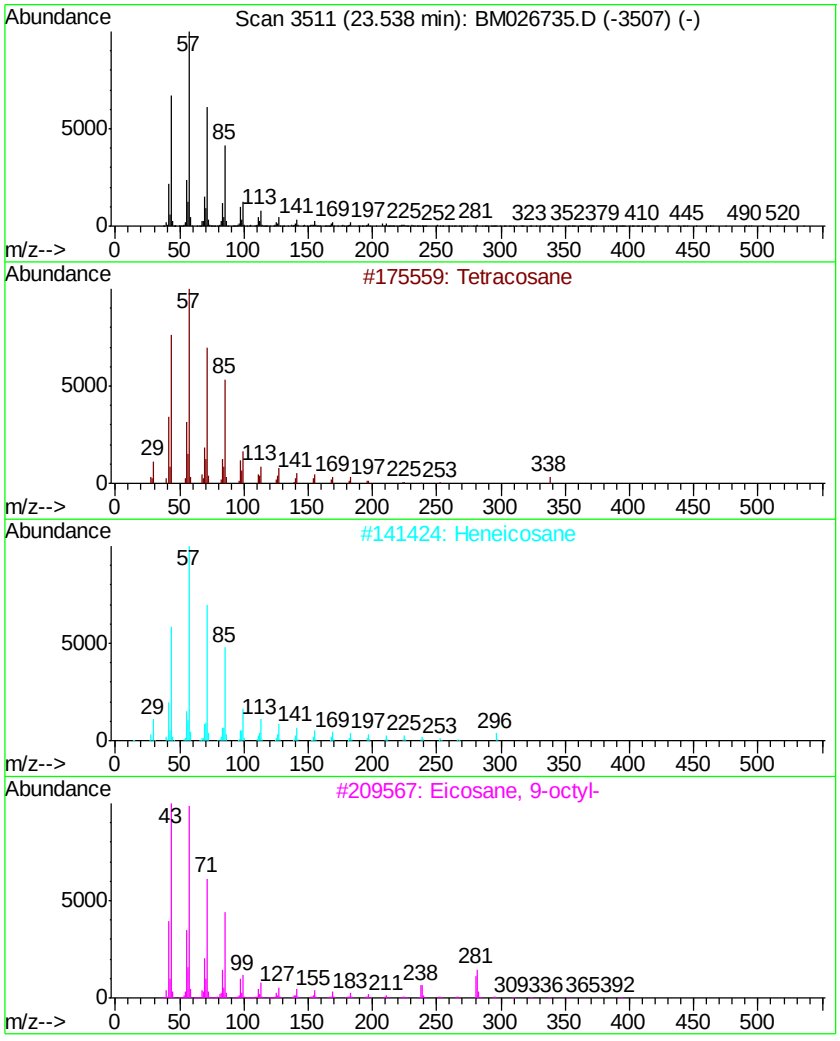
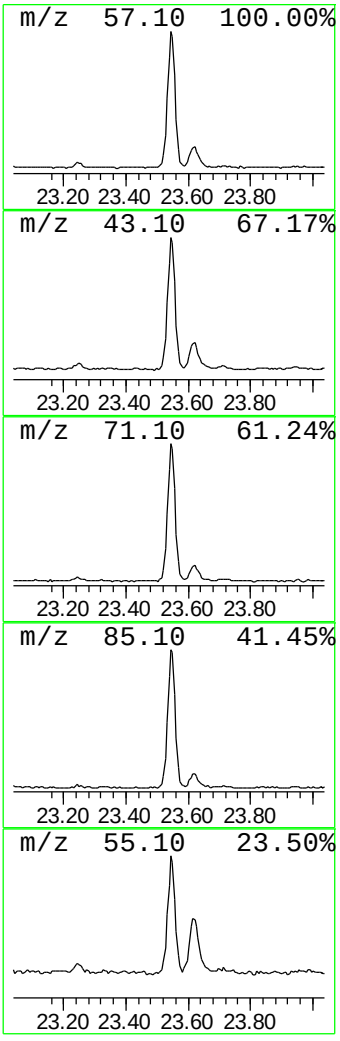
Peak Number 6 Tetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	23.41 ng	1439490	Perylene-d12	23.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Heneicosane	296	C21H44	000629-94-7	97
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026735.D
Acq On : 10 Jul 2020 15:48
Operator : JU/CG
Sample : L3246-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JA-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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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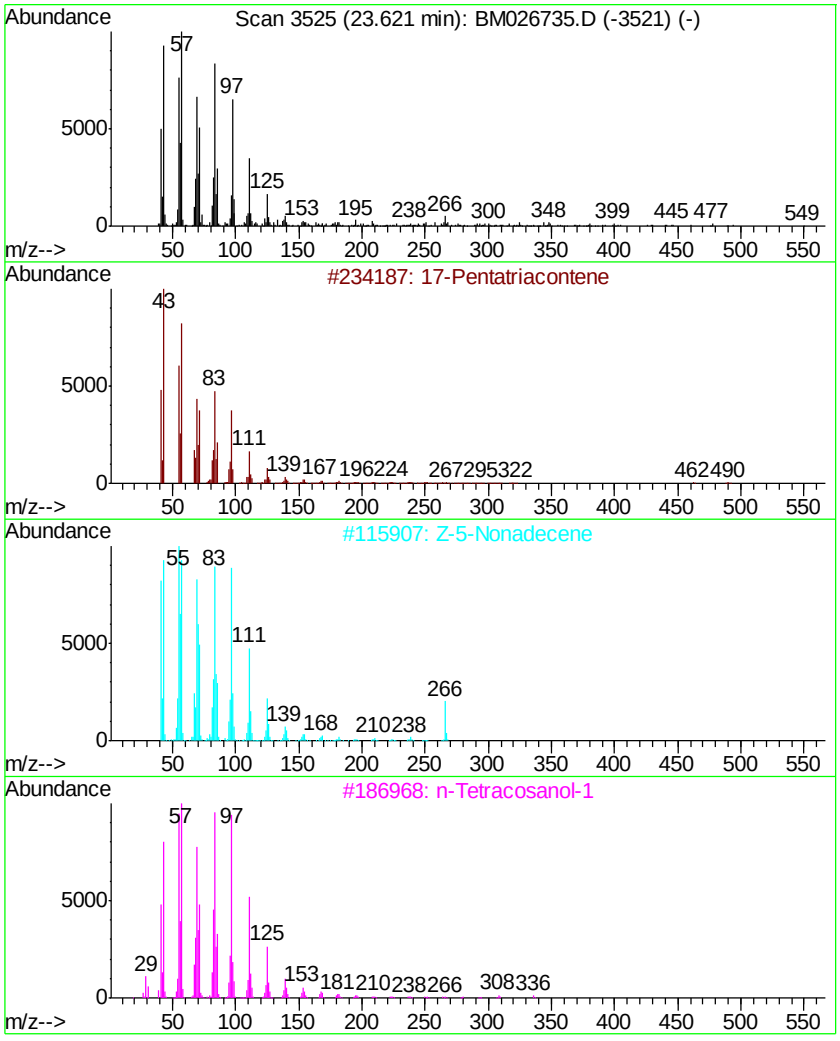
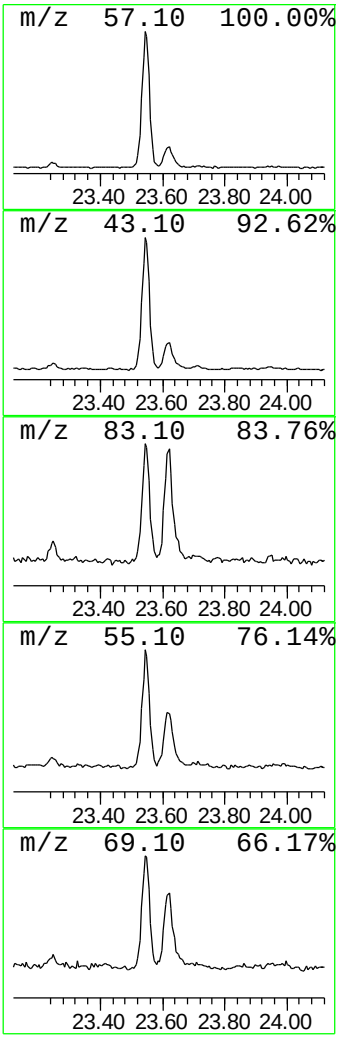
Peak Number 7 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.62	8.28 ng	509048	Perylene-d12	23.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	86
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
4	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	74
5	1-Nonadecene	266	C19H38	018435-45-5	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071020\
Data File : BM026735.D
Acq On : 10 Jul 2020 15:48
Operator : JU/CG
Sample : L3246-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JA-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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
n-Hexadecanoic acid	17.69	8.1	ng	407051	4	16.74	1006750	20.0
unknown18.43	18.43	2.3	ng	116292	4	16.74	1006750	20.0
1-Heneicosyl formate	20.72	10.6	ng	671983	5	20.96	1266520	20.0
Octacosanol	22.50	5.6	ng	345270	6	23.04	1229640	20.0
Tetracosane	23.54	23.4	ng	1439490	6	23.04	1229640	20.0
17-Pentatriacontene	23.62	8.3	ng	509048	6	23.04	1229640	20.0