LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109588.D
Acq On : 4 Oct 2018 15:56
Operator : JU/SJ
Sample : J5221-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100118-JETT-E-D-S

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-BF092218.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	4.887	473	476	485	rBV	84119	99044	3.18%	0.515%
2	5.316	546	549	572	rBV	686150	785221	25.21%	4.081%
3	6.340	720	723	742	rBV	398187	567453	18.22%	2.949%
4	6.475	742	746	768	rVV	1585328	1568980	50.37%	8.154%
5	6.704	782	785	795	rBV	566387	555824	17.84%	2.889%
6	6.863	808	812	833	rBV	2301105	2160497	69.36%	11.228%
7	7.269	876	881	898	rBV	1600857	1816532	58.32%	9.440%
8	7.987	999	1003	1027	rBV	681152	725360	23.29%	3.770%
9	9.063	1181	1186	1189	rBV	3456298	3114918	100.00%	16.188%
10	9.451	1249	1252	1262	rVB	44864	40069	1.29%	0.208%
11	9.733	1296	1300	1313	rBV2	832454	765111	24.56%	3.976%
12	10.522	1430	1434	1452	rBV	959719	1038604	33.34%	5.398%
13	11.210	1548	1551	1565	rBV	594342	620104	19.91%	3.223%
14	12.798	1816	1821	1829	rBV	2104347	2227919	71.52%	11.578%
15	13.704	1971	1975	1984	rBV2	36093	67231	2.16%	0.349%
16	13.839	1994	1998	2006	rBV	590932	595547	19.12%	3.095%
17	14.016	2025	2028	2031	rBV	51941	43462	1.40%	0.226%
18	14.321	2077	2080	2084	rVB	108403	98799	3.17%	0.513%
19	14.610	2126	2129	2135	rVB	218698	242097	7.77%	1.258%
20	14.927	2178	2183	2187	rBV	339196	357838	11.49%	1.860%
21	15.245	2232	2237	2240	rBV	436879	587829	18.87%	3.055%
22	15.274	2240	2242	2250	rVB	354759	426510	13.69%	2.217%
23	15.674	2305	2310	2316	rVB	263540	376422	12.08%	1.956%
24	16.139	2384	2389	2400	rVB	141024	248294	7.97%	1.290%
25	16.680	2475	2481	2489	rBV3	49875	112591	3.61%	0.585%

Sum of corrected areas: 19242256

LSC Report - Integrated Chromatogram

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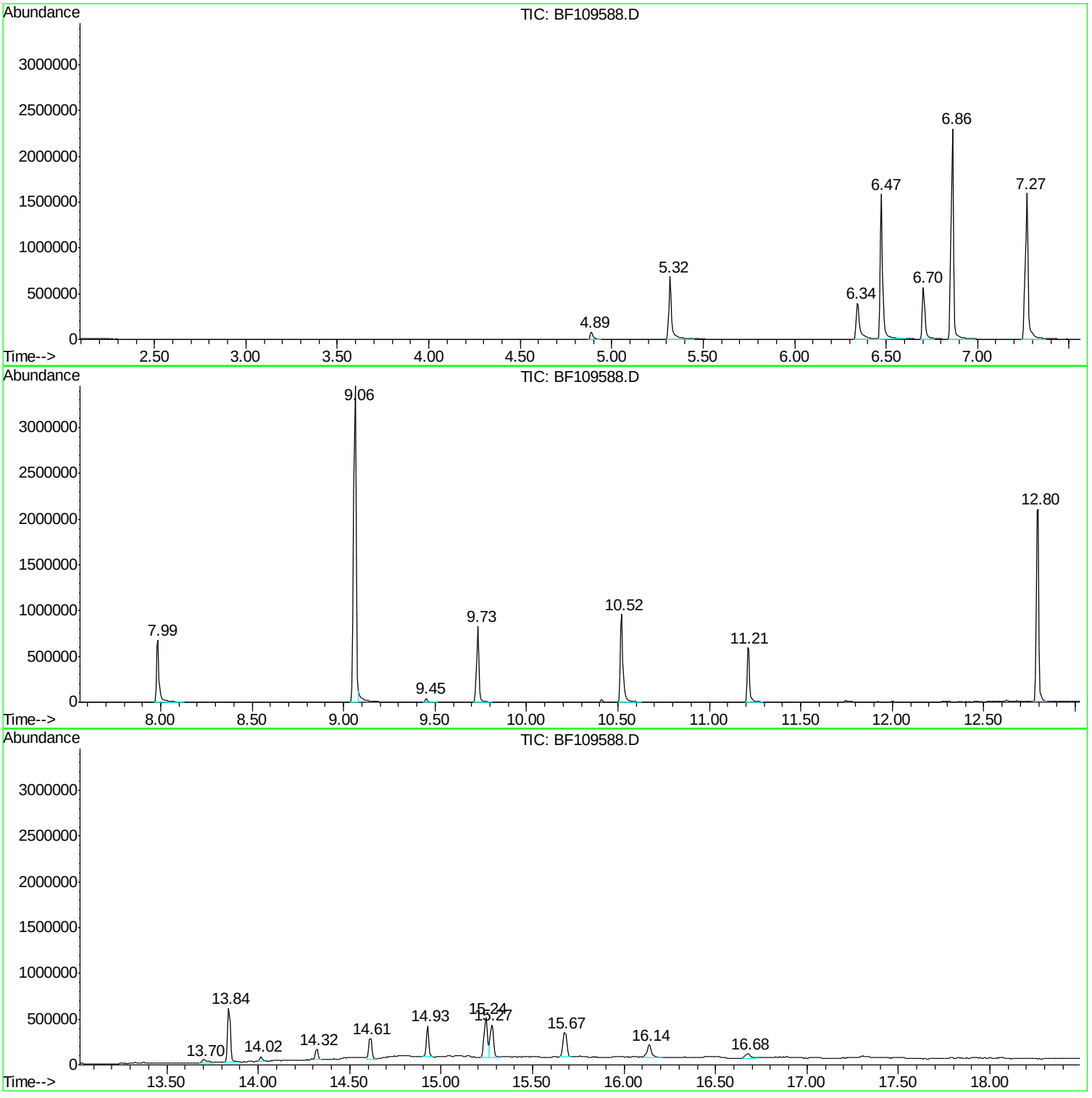
Sample : J5221-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100118-JETT-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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

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Data File : BF109588.D
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Operator : JU/SJ
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Instrument : BNA_F
ClientSampleId : 100118-JETT-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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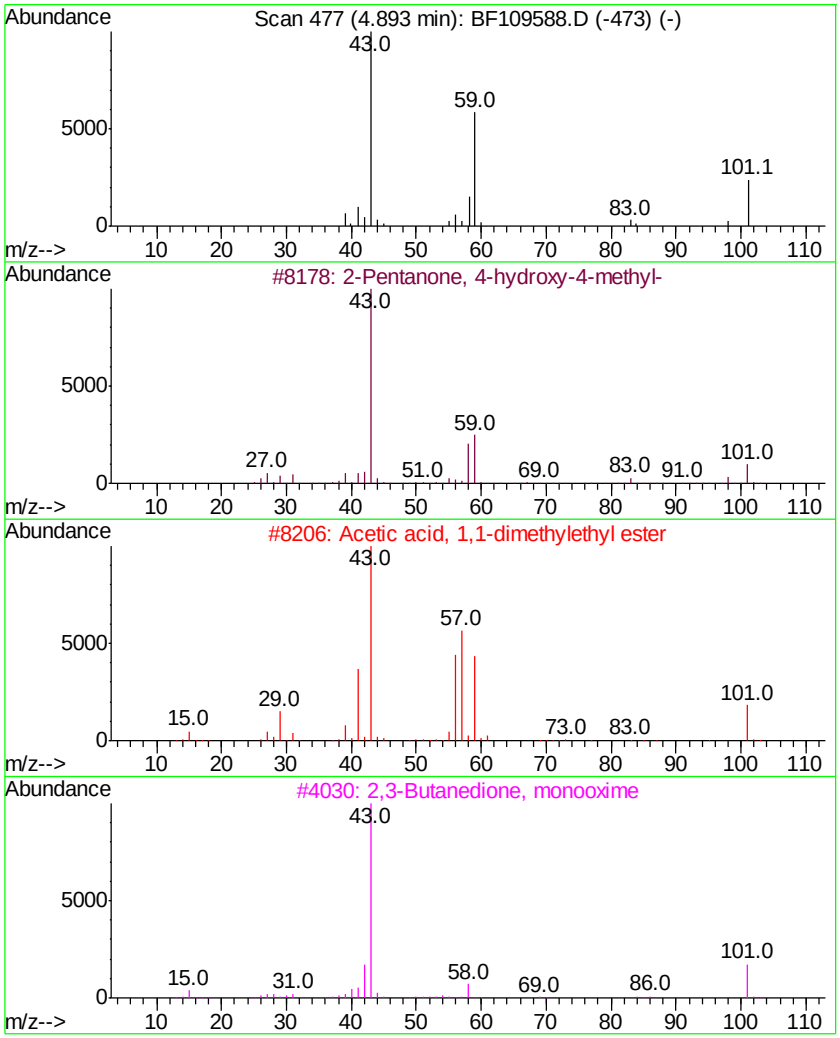
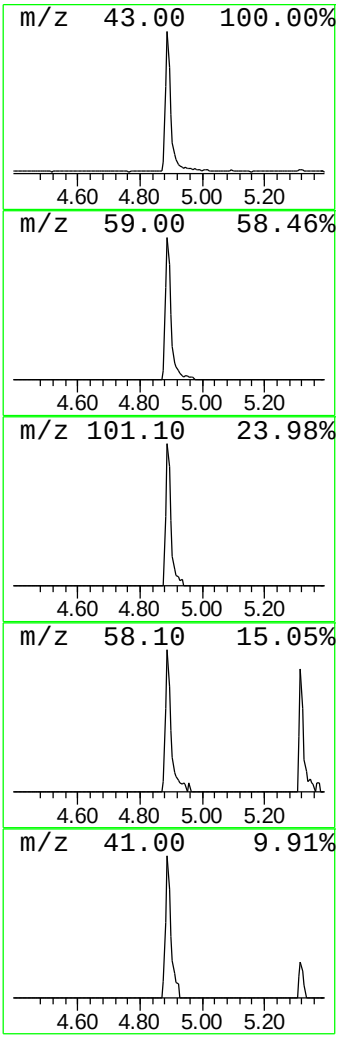
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	3.56 ng	99044	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100118-JETT-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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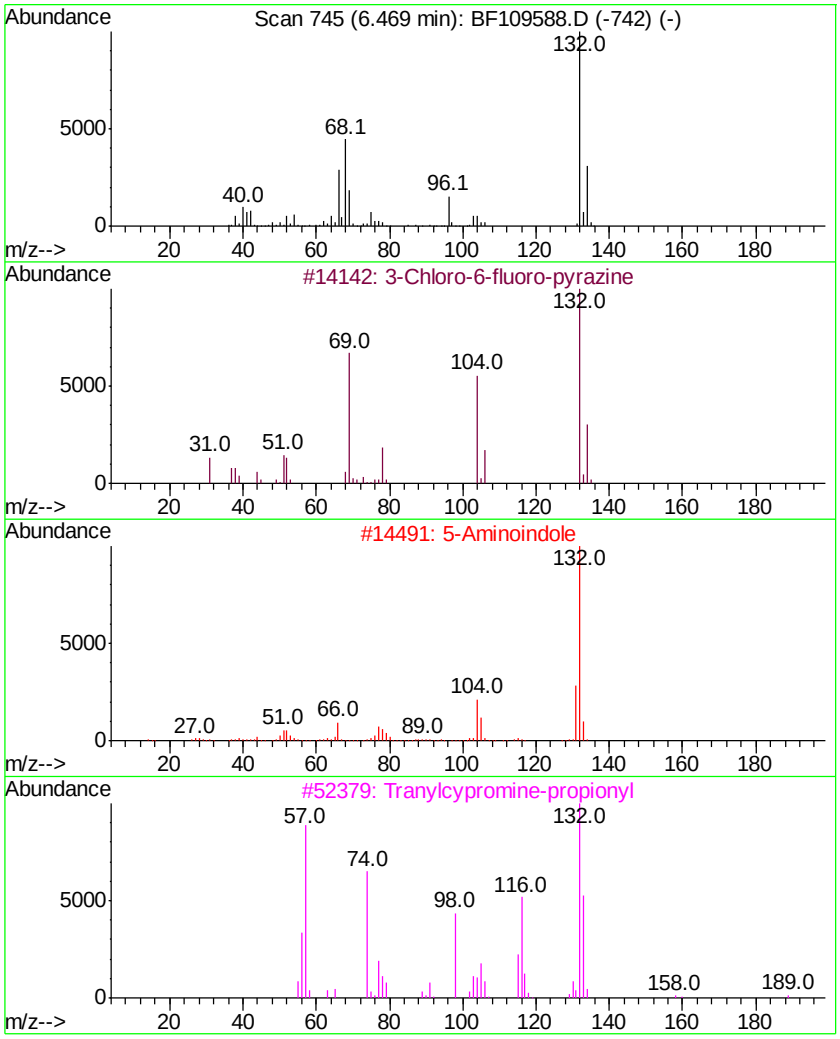
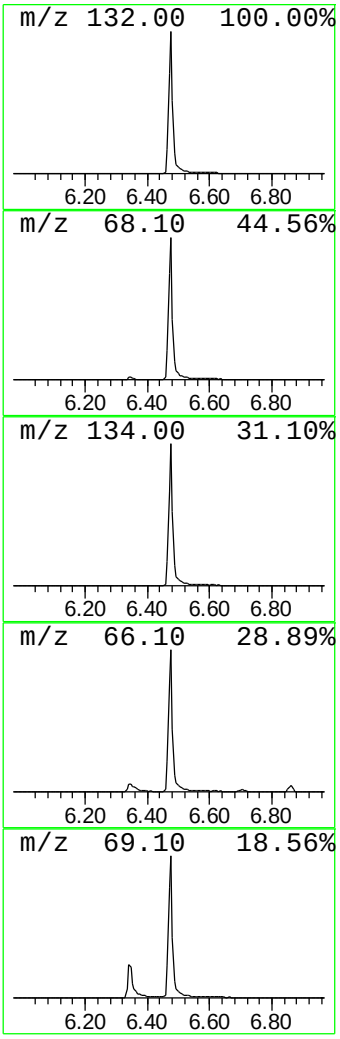
Peak Number 2 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	56.46 ng	1568980	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : 100118-JETT-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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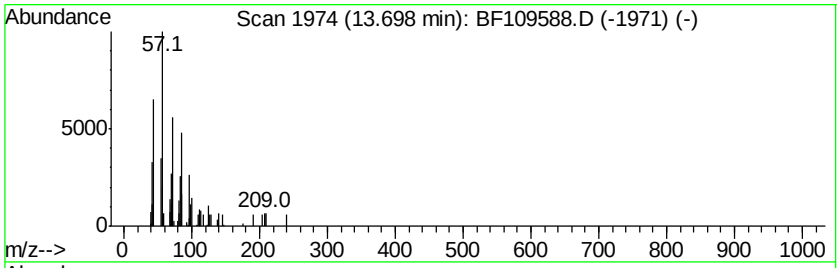
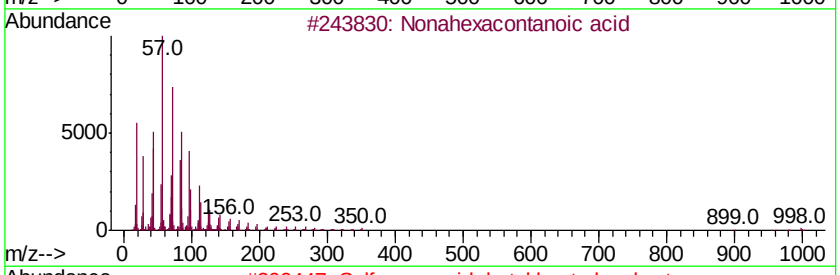
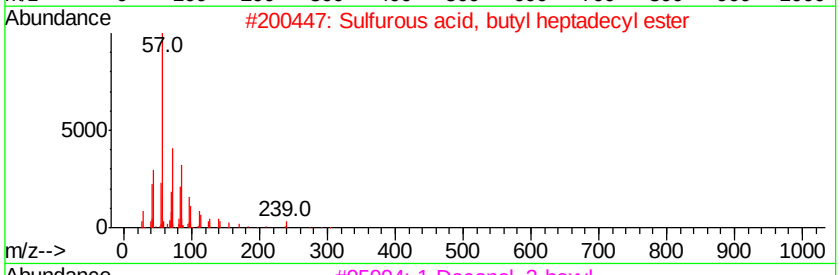
Peak Number 4 Nonahexacontanoic acid Concentration Rank 10

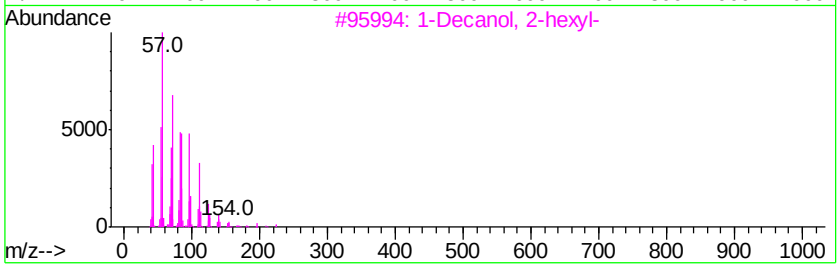
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.26 ng	67231	Chrysene-d12	13.84

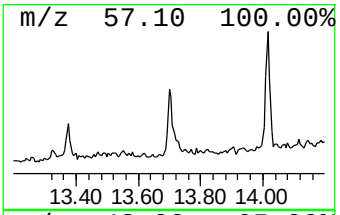
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	83
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	78
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64
4	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	58
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	53

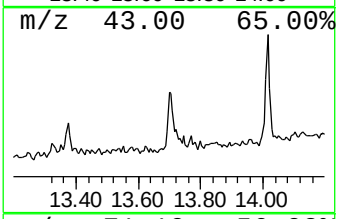


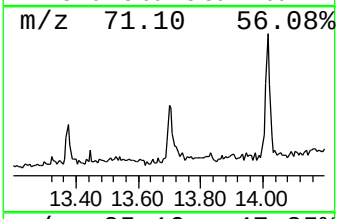


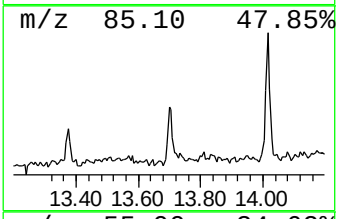


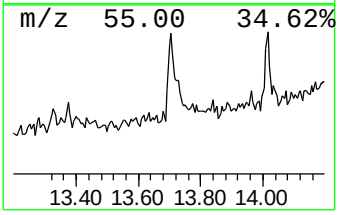












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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100118-JETT-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

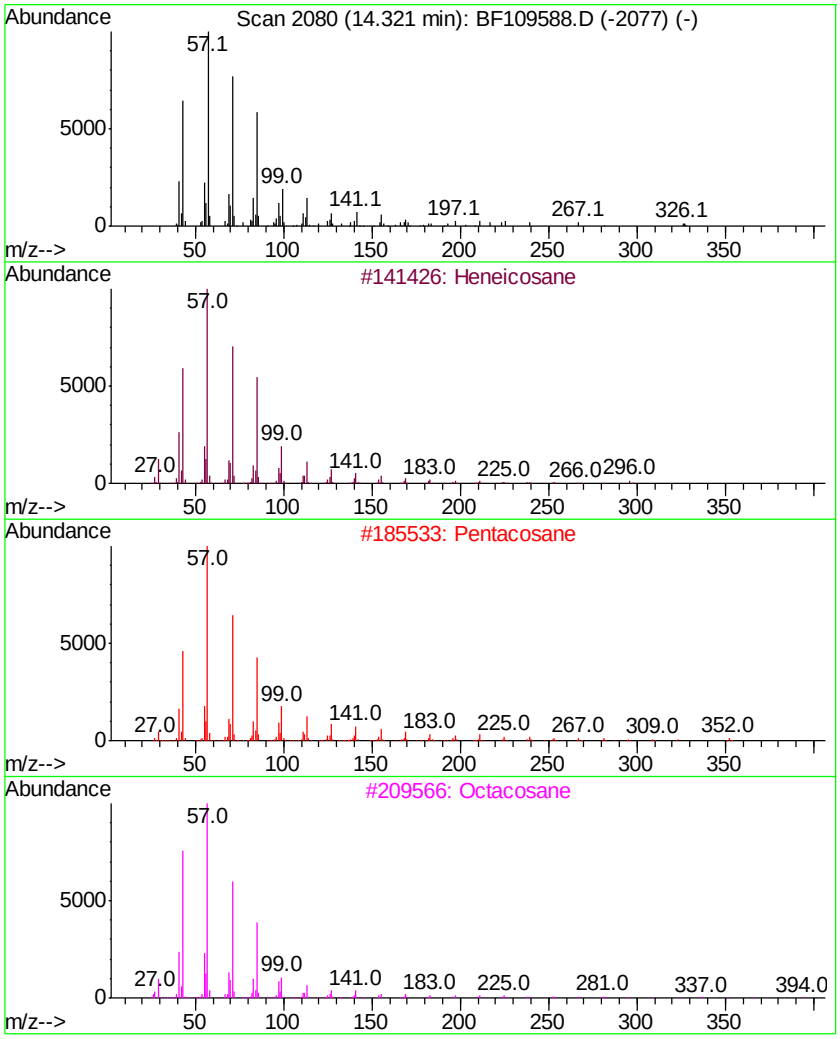
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

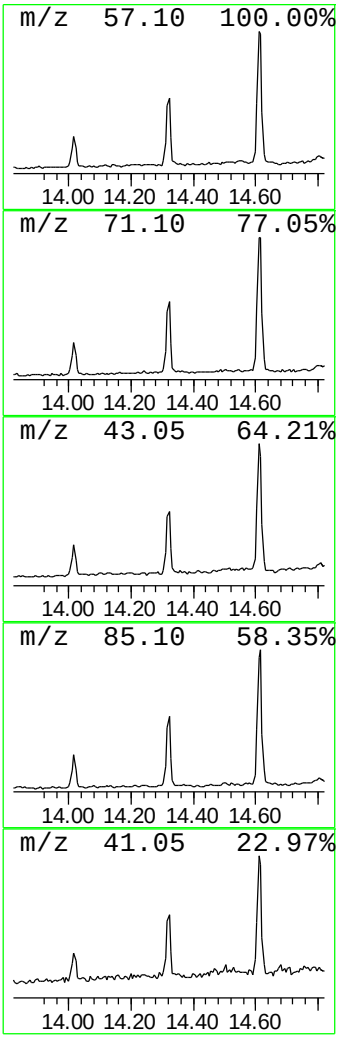
****

Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	3.32 ng	98799	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Triacontane	422	C30H62	000638-68-6	91
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	90





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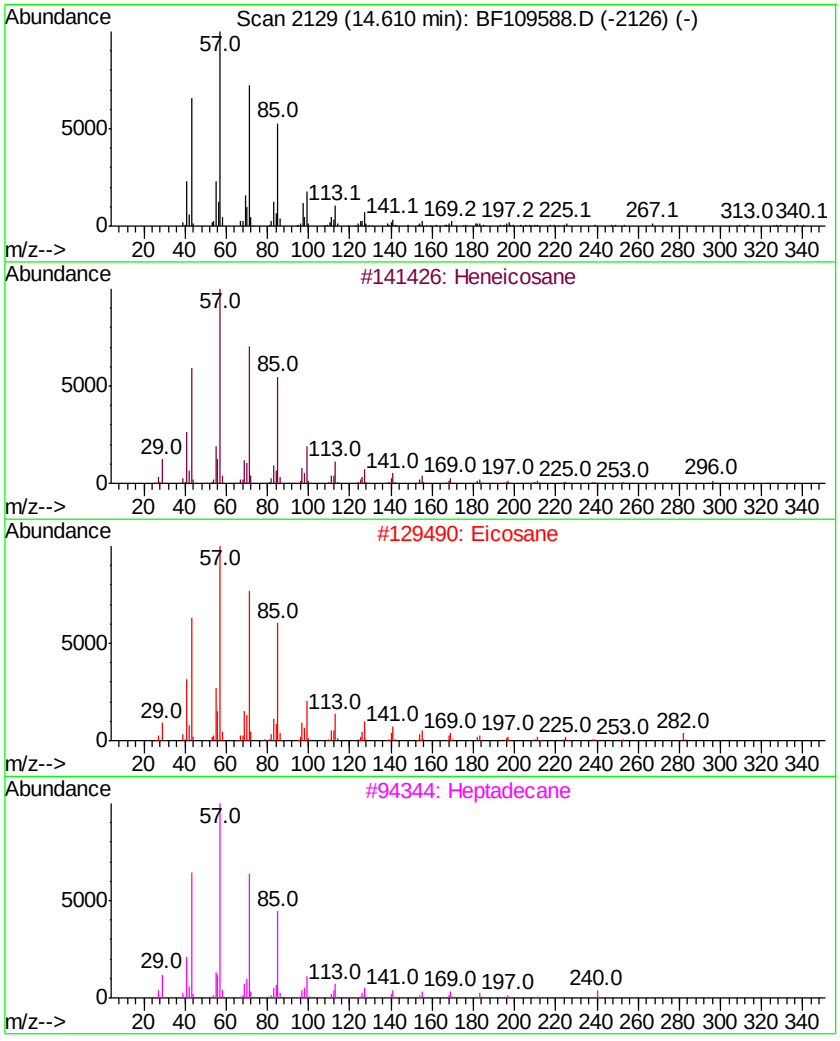
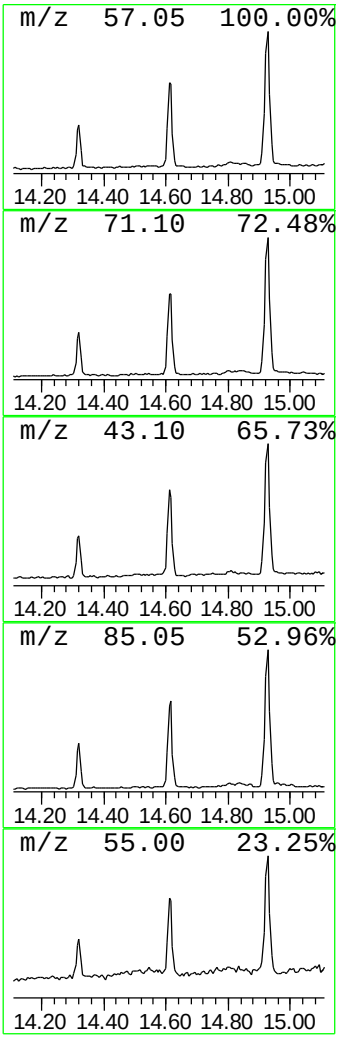
****

Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	8.24 ng	242097	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Heptadecane	240	C17H36	000629-78-7	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Tetracosane	338	C24H50	000646-31-1	86





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 100118-JETT-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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TIC Library : C:\DATABASE\NIST11.L
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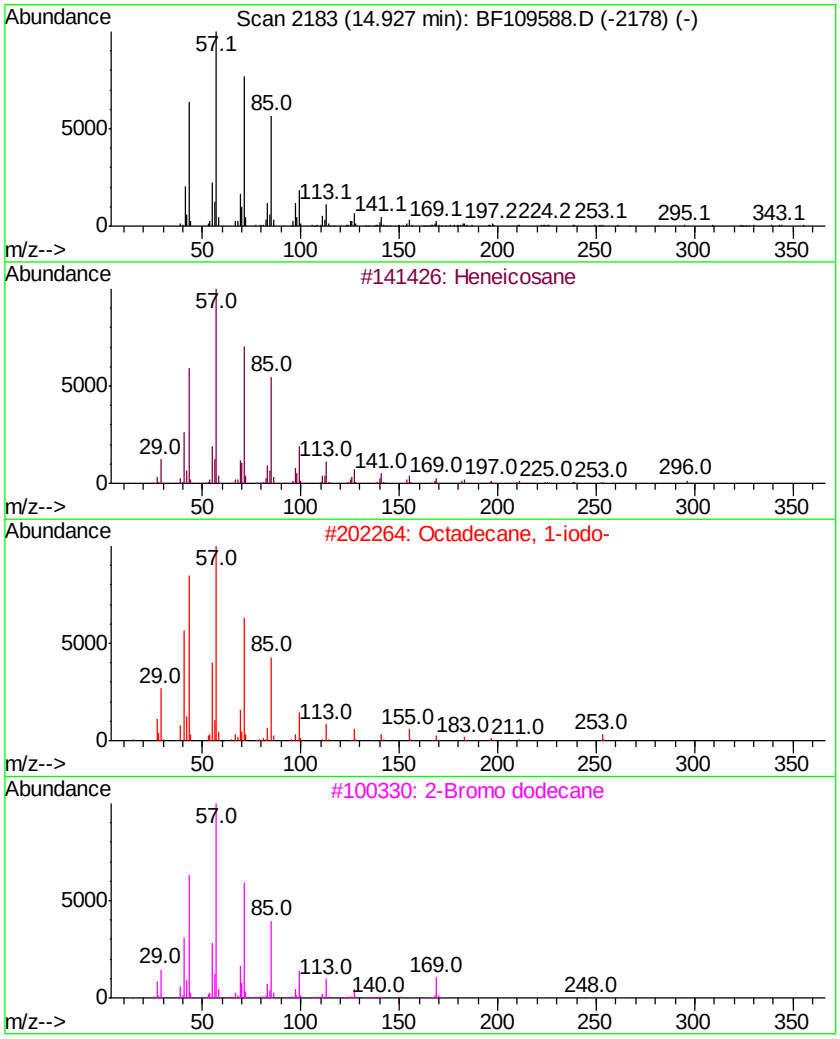
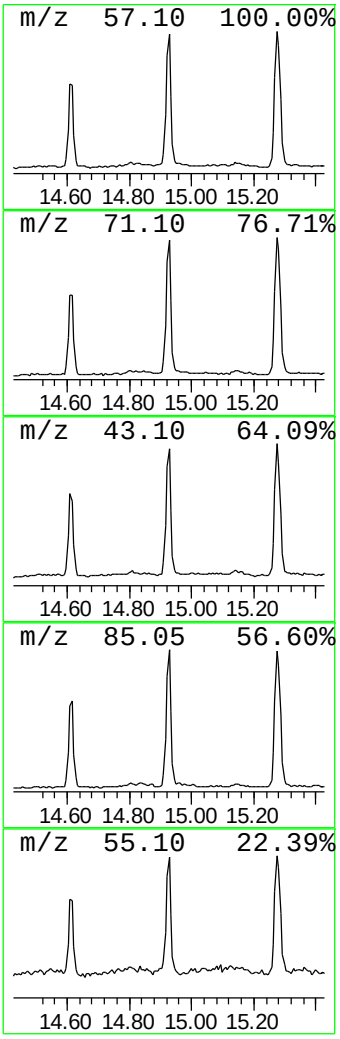
Peak Number 7 Octadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	12.17 ng	357838	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
5	Hexadecane	226	C16H34	000544-76-3	72





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

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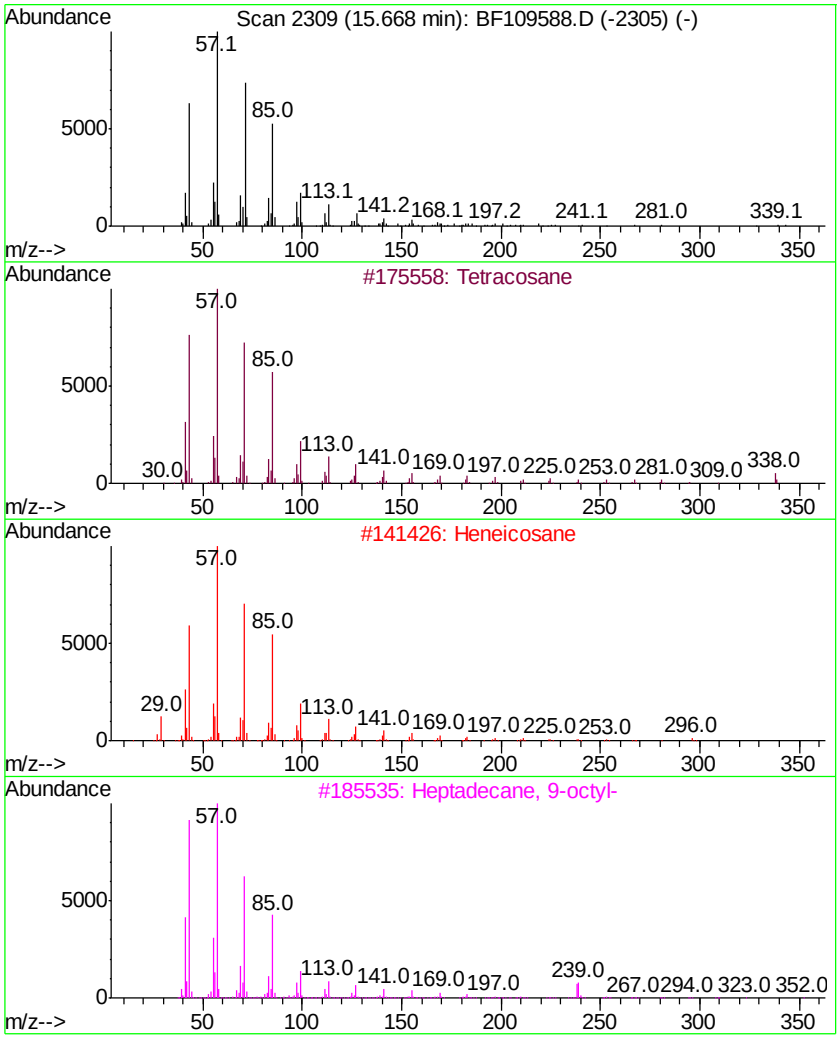
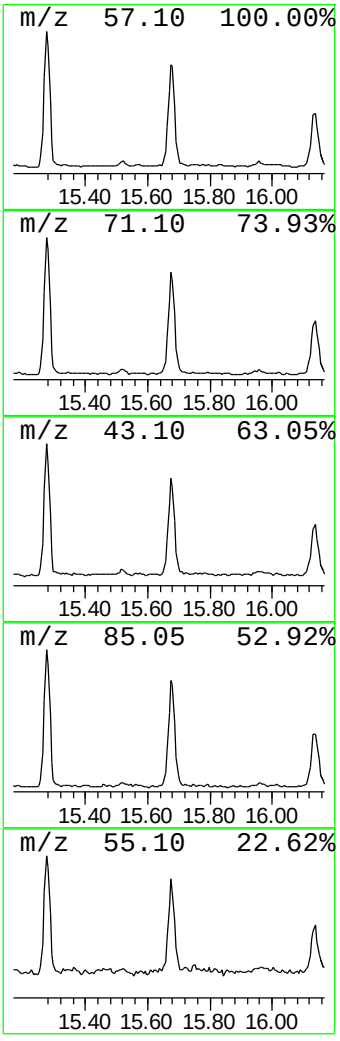
Peak Number 8 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	12.81 ng	376422	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane	282	C20H42	000112-95-8	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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TIC Library : C:\DATABASE\NIST11.L
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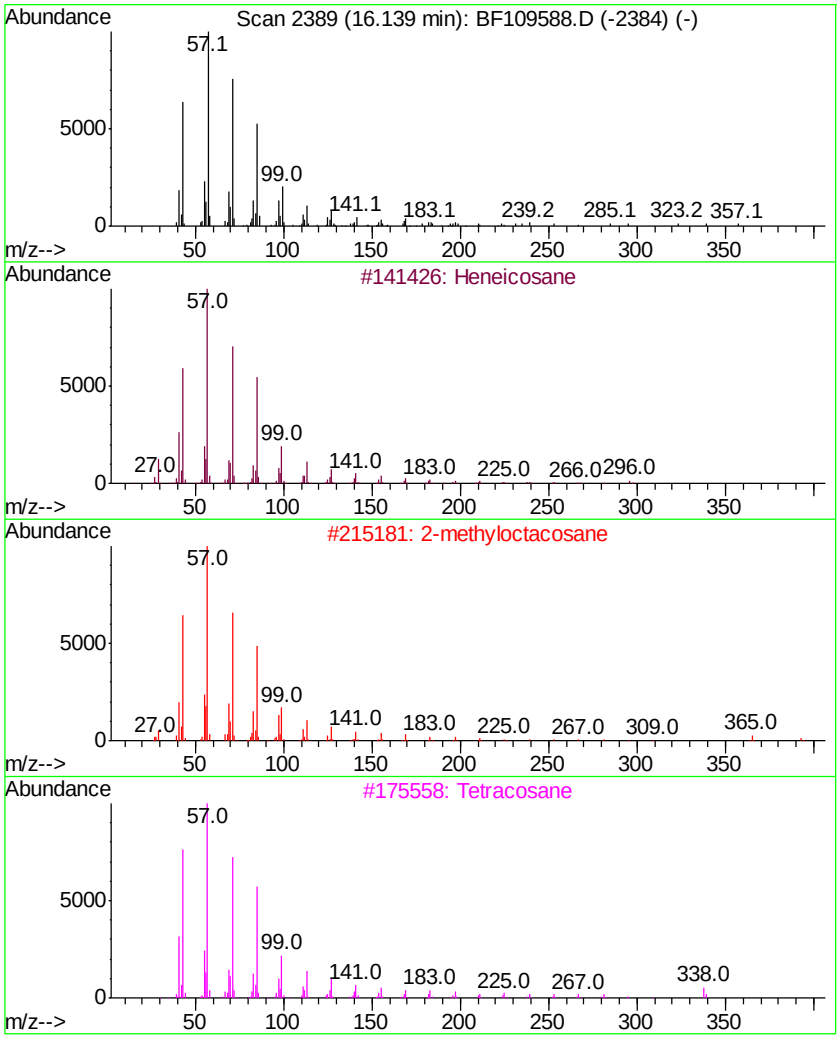
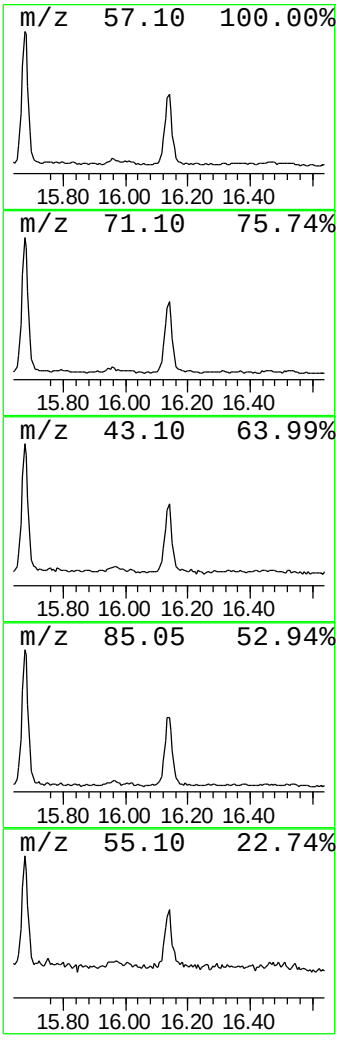
Peak Number 9 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	8.45 ng	248294	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90





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Sample : J5221-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100118-JETT-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

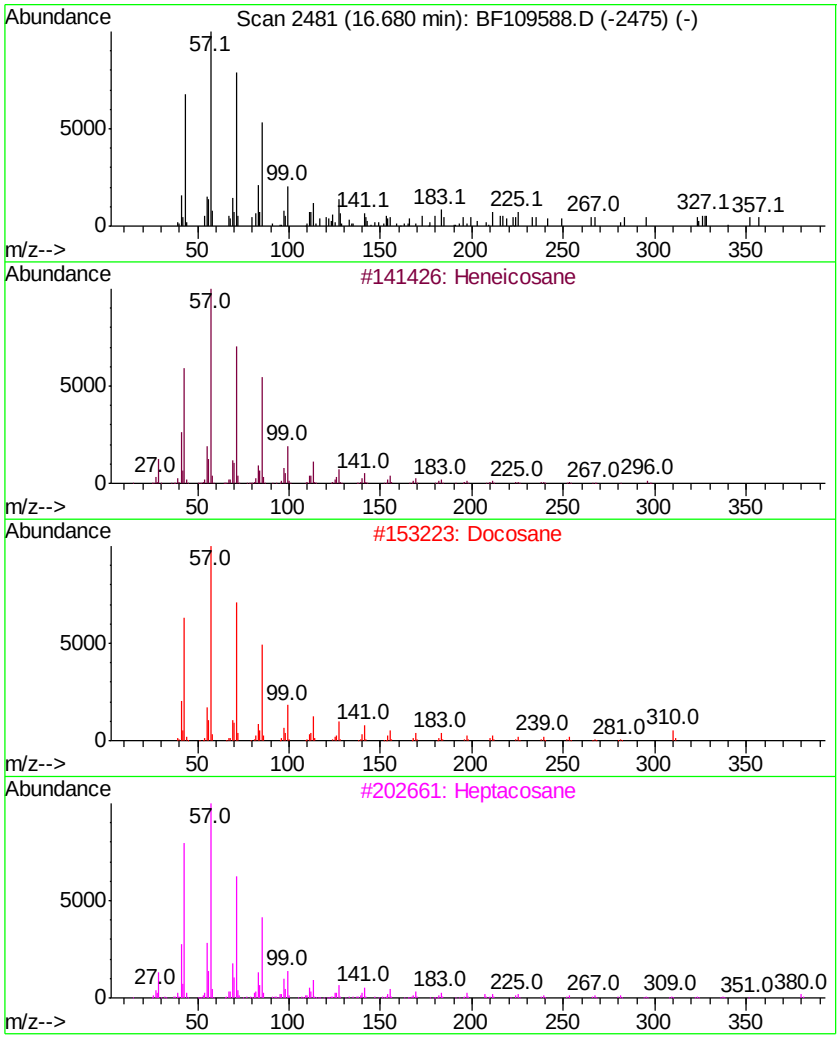
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

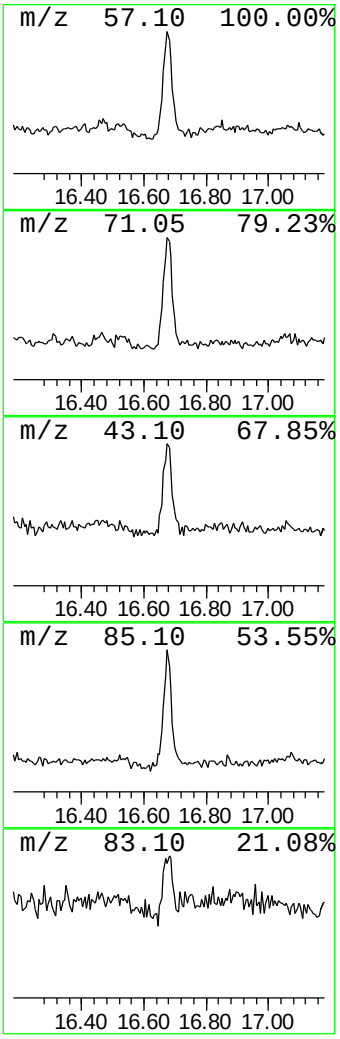
****

Peak Number 10 Docosane, 11-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	3.83 ng	112591	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	81
2	Docosane	310	C22H46	000629-97-0	74
3	Heptacosane	380	C27H56	000593-49-7	74
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	72
5	Octadecane	254	C18H38	000593-45-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
Data File : BF109588.D
Acq On : 4 Oct 2018 15:56
Operator : JU/SJ
Sample : J5221-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100118-JETT-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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...	4.89	3.6	ng	99044	1	6.70	555824	20.0
unknown6.47	6.47	56.5	ng	1568980	1	6.70	555824	20.0
Nonahexacontanoic...	13.70	2.3	ng	67231	5	13.84	595547	20.0
Heneicosane	14.32	3.3	ng	98799	5	13.84	595547	20.0
Eicosane	14.61	8.2	ng	242097	6	15.24	587829	20.0
Octadecane, 1-iodo-	14.93	12.2	ng	357838	6	15.24	587829	20.0
Tetracosane	15.67	12.8	ng	376422	6	15.24	587829	20.0
2-methyloctacosane	16.14	8.4	ng	248294	6	15.24	587829	20.0
Docosane, 11-butyl-	16.68	3.8	ng	112591	6	15.24	587829	20.0