LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100146.D
Acq On : 3 Nov 2017 20:32
Operator : SJ/JU
Sample : I6081-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q2-COMP-NATIVE

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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	4.992	491	494	517	rBV	170731	336695	14.37%	1.635%
2	5.398	559	563	588	rBV	1766266	2082533	88.90%	10.112%
3	6.422	733	737	754	rBV	1852534	2157165	92.09%	10.474%
4	6.545	754	758	773	rVB	2276335	2180793	93.10%	10.589%
5	6.769	793	796	806	rBV	628675	591853	25.27%	2.874%
6	6.922	818	822	837	rBV	1773809	1689356	72.12%	8.203%
7	7.345	890	894	906	rBV	1170963	1325410	56.58%	6.435%
8	8.051	1010	1014	1030	rBV	880440	848988	36.24%	4.122%
9	8.616	1107	1110	1121	rBB	54004	57201	2.44%	0.278%
10	9.122	1192	1196	1200	rBV	2402578	2342481	100.00%	11.374%
11	9.522	1261	1264	1277	rBV	291027	242555	10.35%	1.178%
12	9.804	1308	1312	1325	rVB	1053629	919732	39.26%	4.466%
13	10.521	1430	1434	1444	rBB	202504	178973	7.64%	0.869%
14	10.604	1444	1448	1461	rBV	1281955	1233328	52.65%	5.988%
15	11.298	1562	1566	1574	rBV	924954	819242	34.97%	3.978%
16	11.810	1650	1653	1662	rBV	75394	74816	3.19%	0.363%
17	12.592	1783	1786	1797	rBV2	16856	24459	1.04%	0.119%
18	12.880	1830	1835	1838	rBV	1914675	1758972	75.09%	8.541%
19	13.751	1980	1983	1992	rBV	136266	154485	6.59%	0.750%
20	13.951	2013	2017	2025	rBV	467152	475864	20.31%	2.311%
21	14.468	2097	2105	2111	rBV3	16764	50840	2.17%	0.247%
22	14.668	2135	2139	2148	rVB	244135	243192	10.38%	1.181%
23	15.356	2252	2256	2260	rBV	36748	45128	1.93%	0.219%
24	15.409	2260	2265	2273	rVB	363715	477104	20.37%	2.317%
25	15.768	2322	2326	2332	rBV2	37653	54027	2.31%	0.262%
26	16.251	2402	2408	2415	rBV	41282	74763	3.19%	0.363%
27	16.809	2497	2503	2510	rVB2	30947	61025	2.61%	0.296%
28	17.468	2606	2615	2621	rBV2	26723	67747	2.89%	0.329%
29	19.186	2901	2907	2912	rBV7	10680	26875	1.15%	0.130%

Sum of corrected areas: 20595602

LSC Report - Integrated Chromatogram

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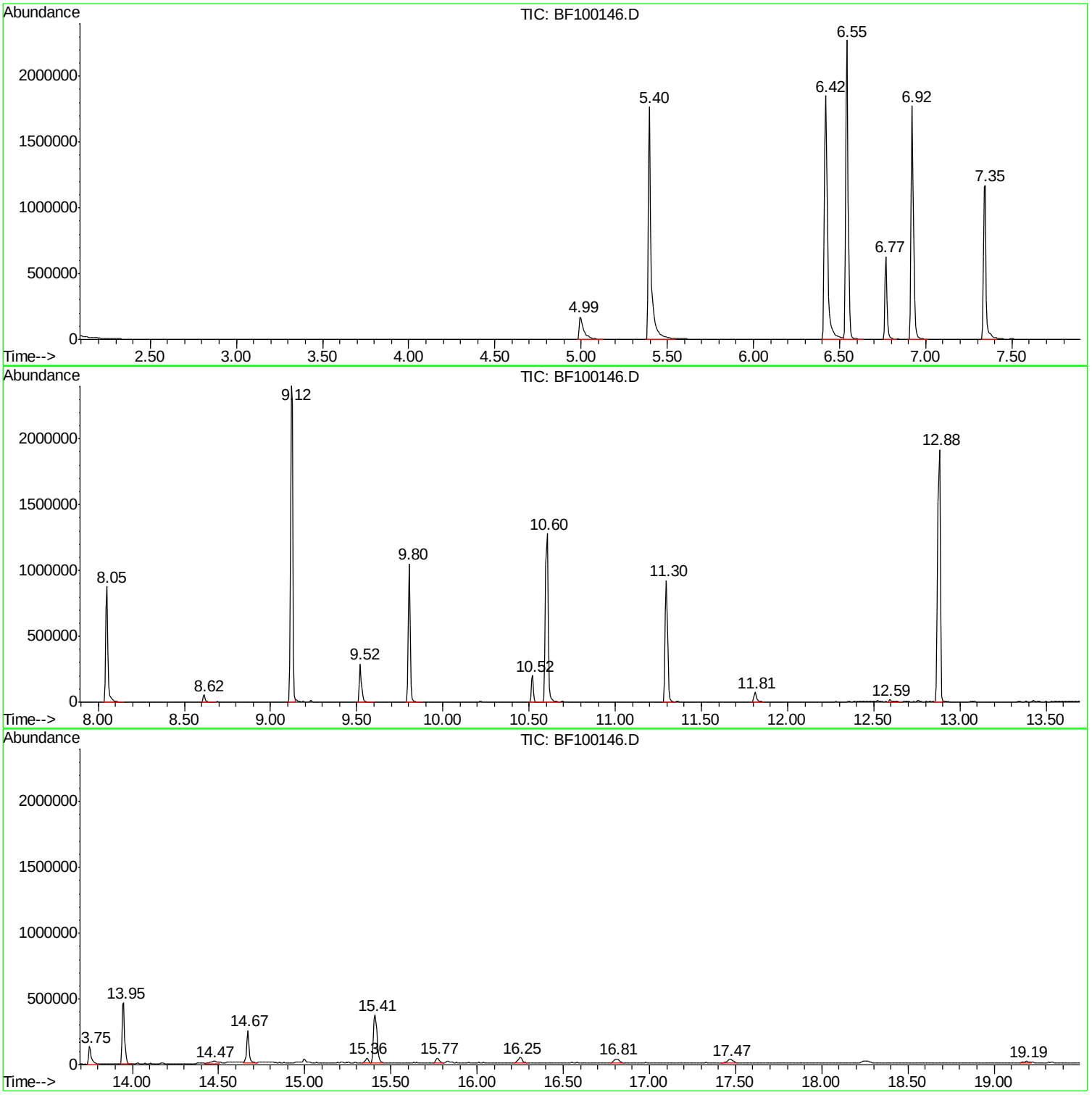
Operator : SJ/JU
Sample : I6081-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q2-COMP-NATIVE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

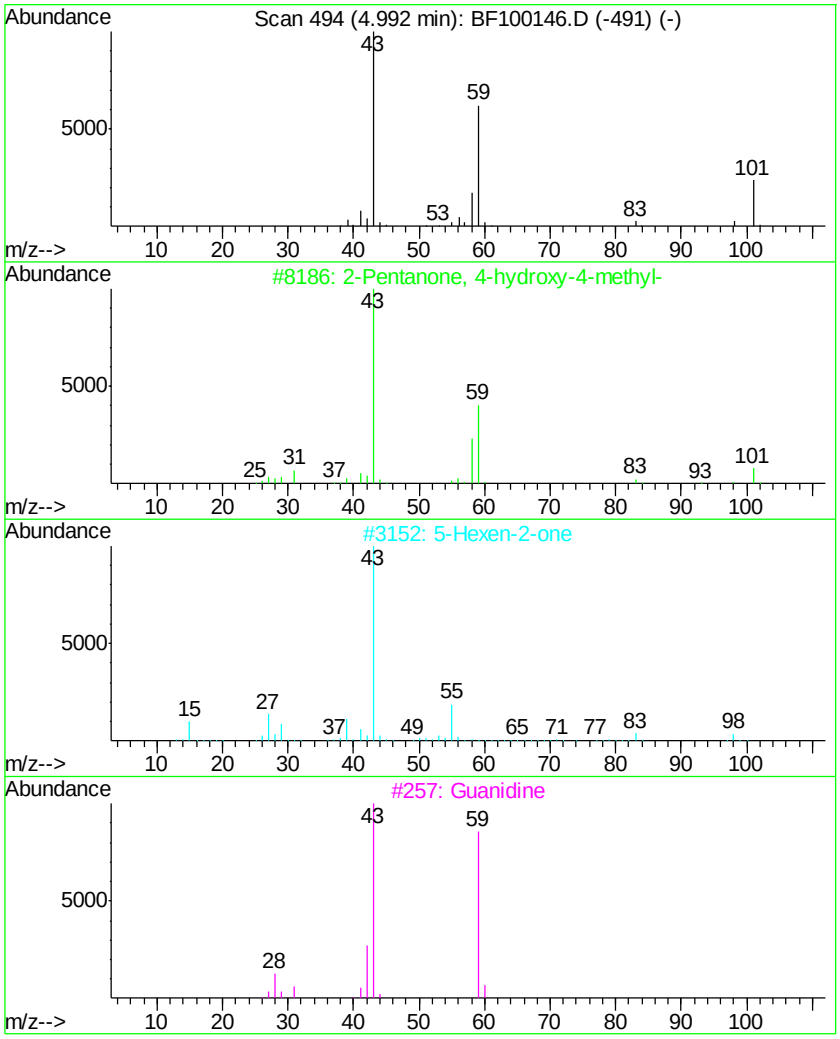
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

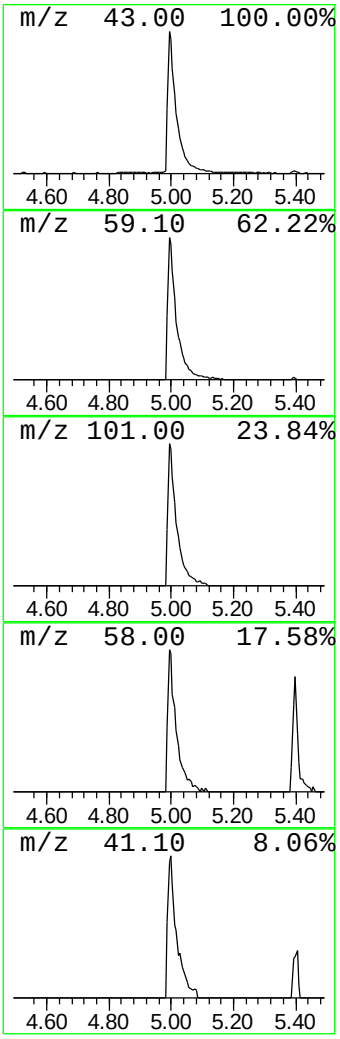
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	11.38 ng	336695	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Guanidine	59	CH5N3	000113-00-8	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Acetone	58	C3H6O	000067-64-1	9





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Sample : I6081-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q2-COMP-NATIVE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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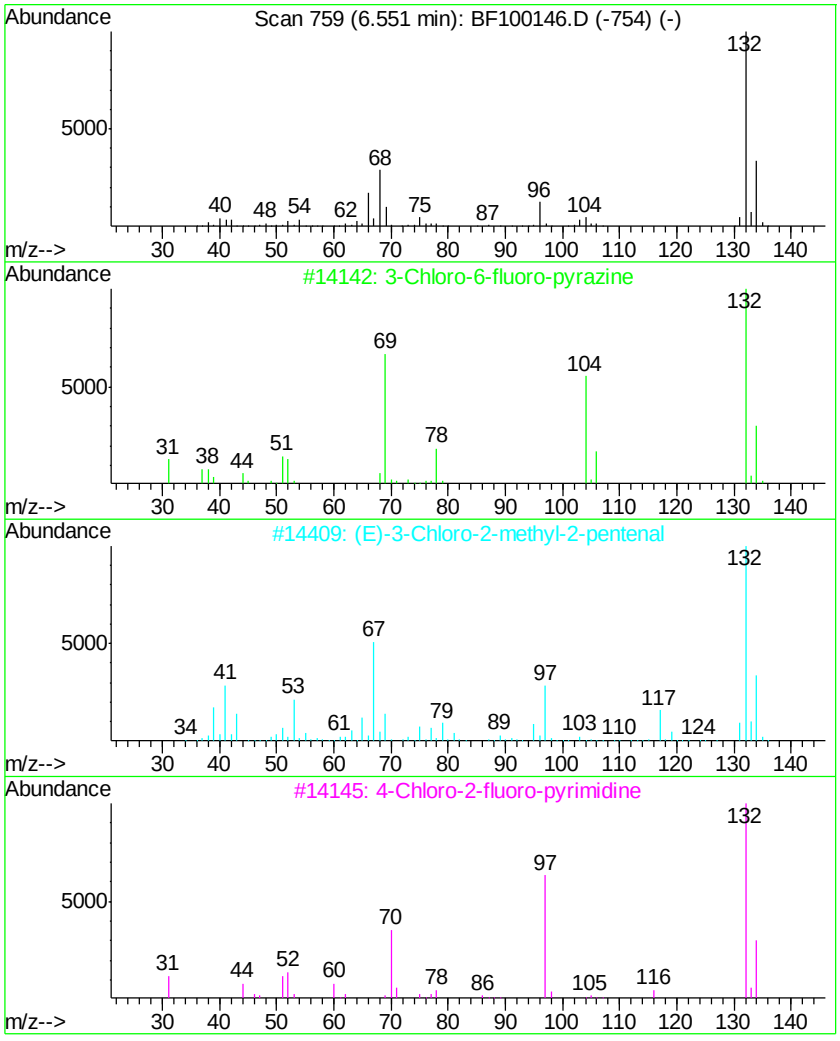
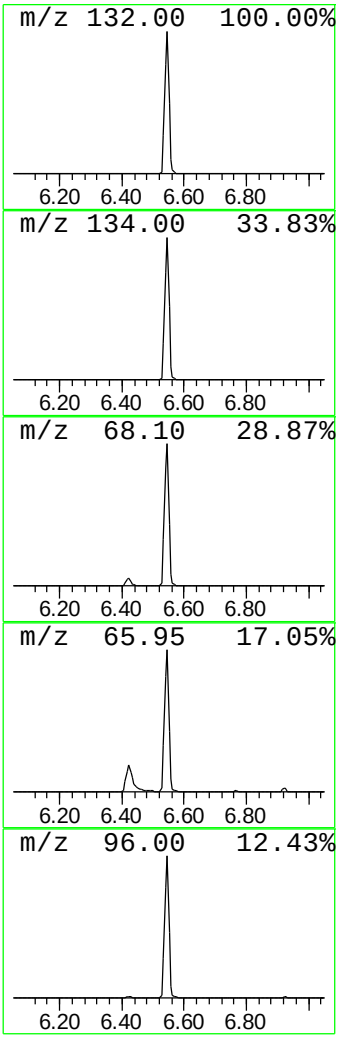
Peak Number 2 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	73.69 ng	2180790	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Misc :
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Instrument : BNA_F
ClientSampleId : Q2-COMP-NATIVE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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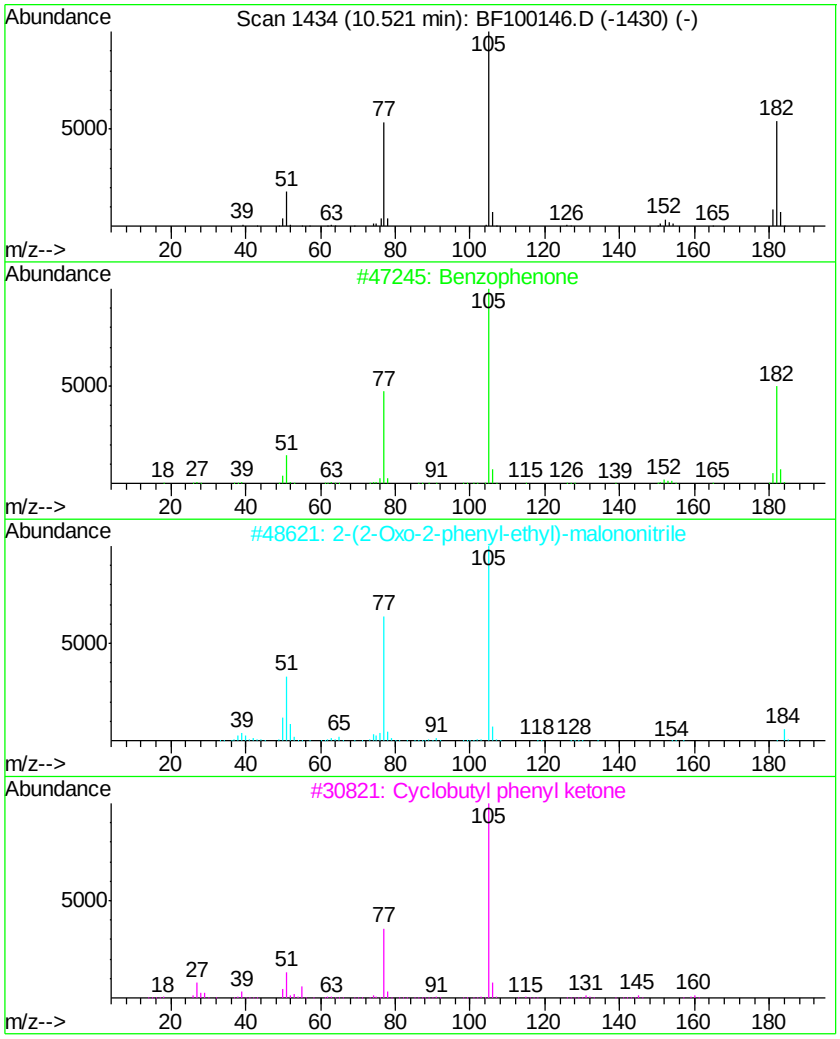
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

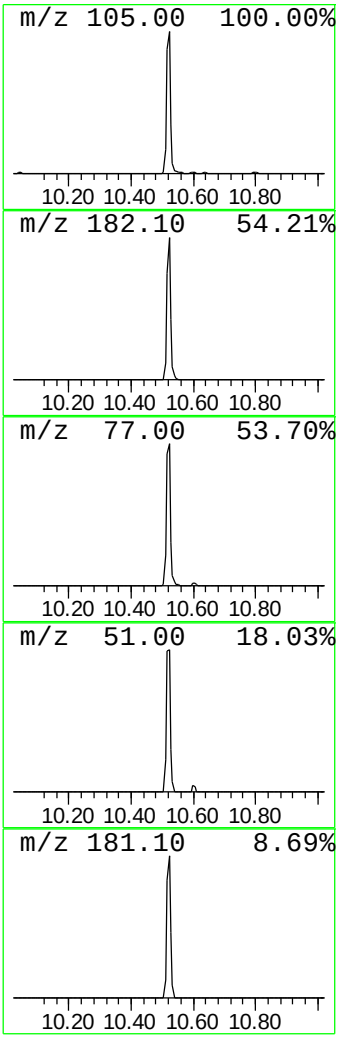
****

Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	3.89 ng	178973	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
3	Cyclobutyl phenyl ketone	160	C11H12O	005407-98-7	43
4	5-[N-Benzoylaminomethyl]tetrazole	203	C9H9N5O	1000227-36-3	43
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43





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Sample : I6081-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q2-COMP-NATIVE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

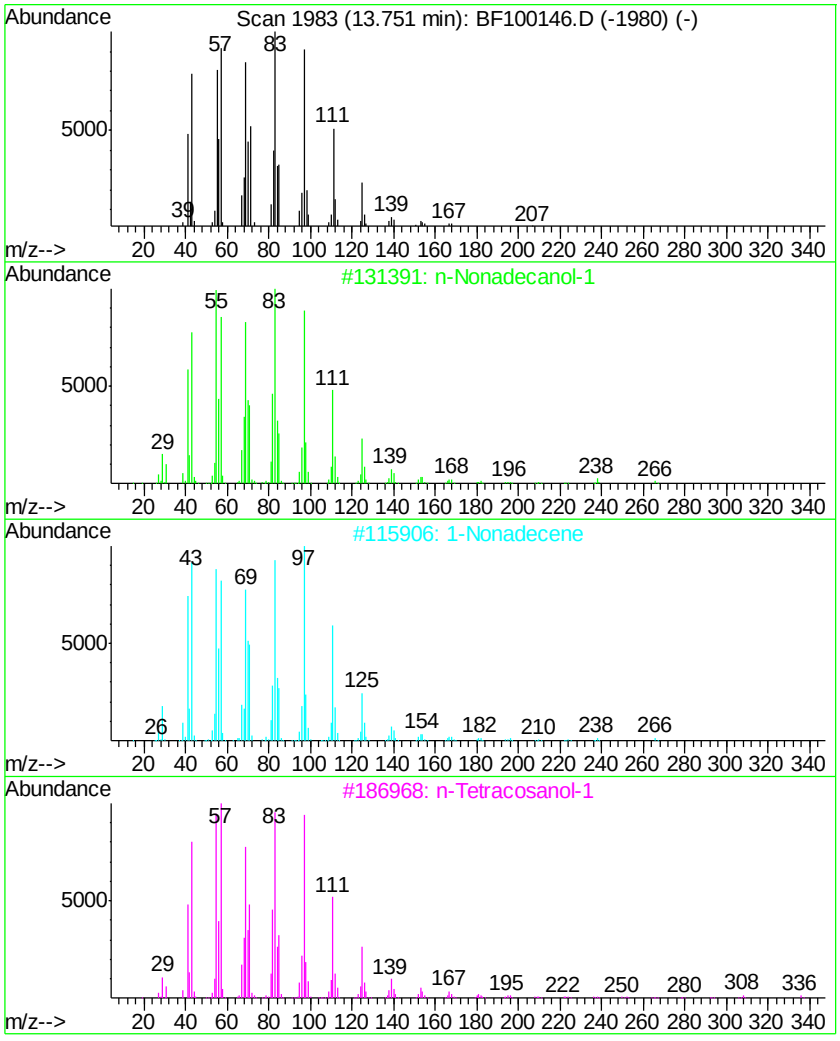
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

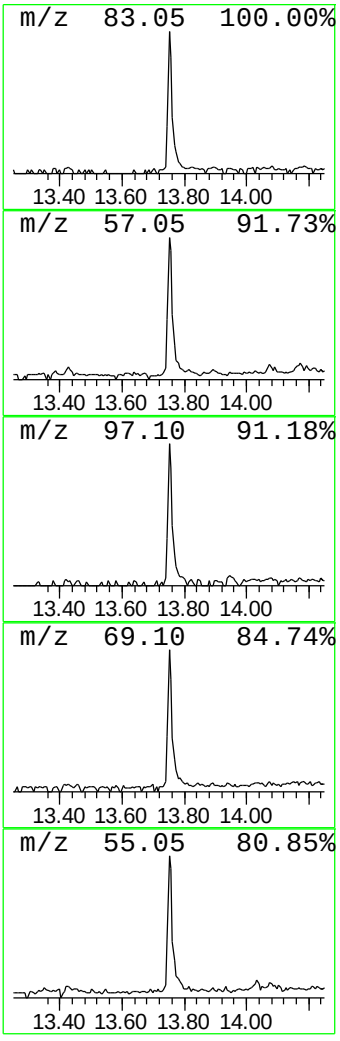
****

Peak Number 5 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	6.49 ng	154485	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q2-COMP-NATIVE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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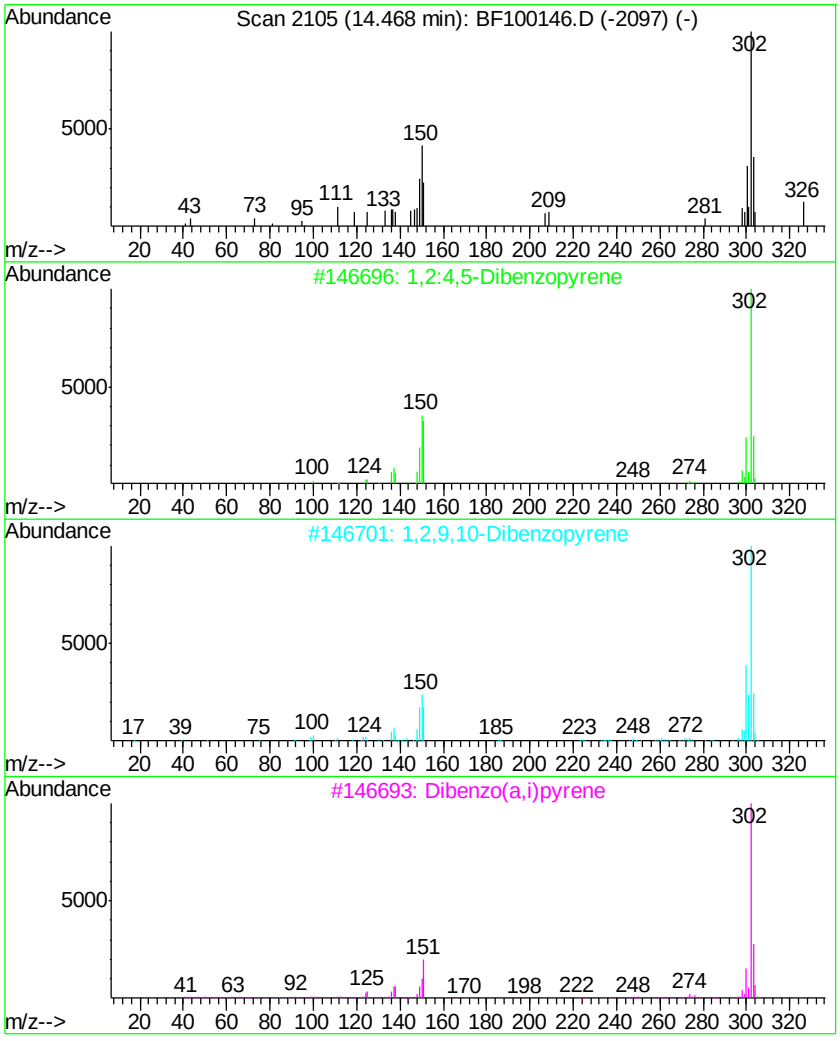
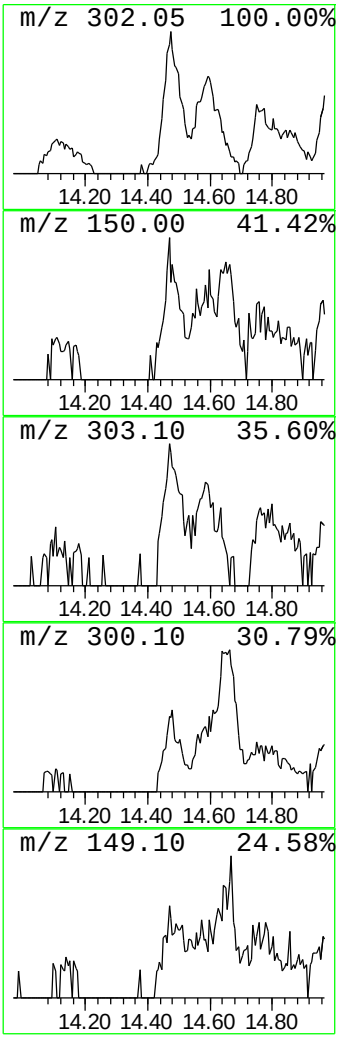
Peak Number 6 1,2:4,5-Dibenzopyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.14 ng	50840	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	89
2	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	68
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	58
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	50
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	50





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

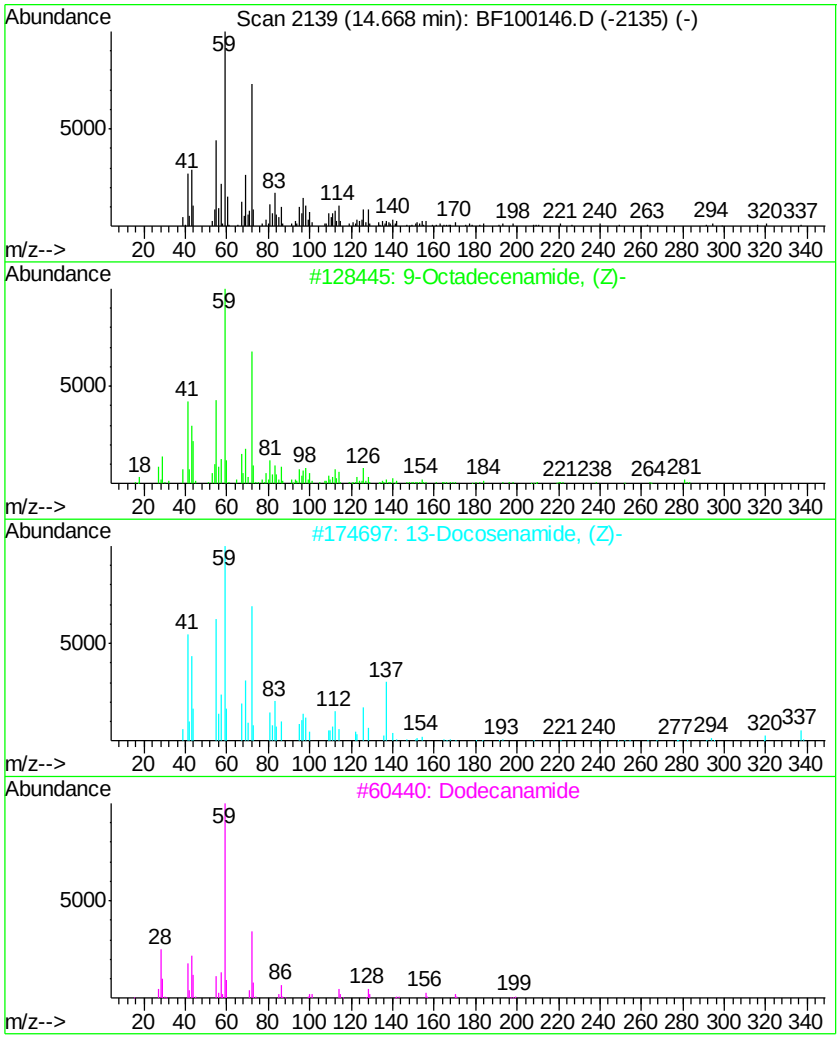
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

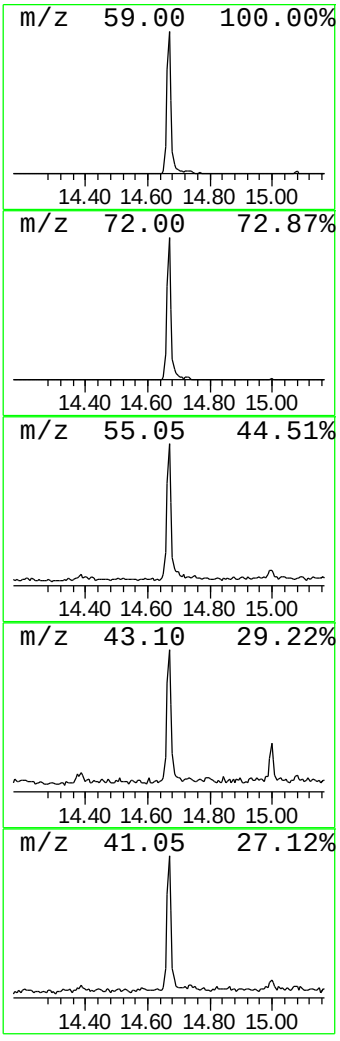
****

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	10.22 ng	243192	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
3	Dodecanamide	199	C12H25NO	001120-16-7	50
4	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	43
5	Methyl 17-methoxy-10-methoxycarb...	386	C22H42O5	1000110-20-7	43





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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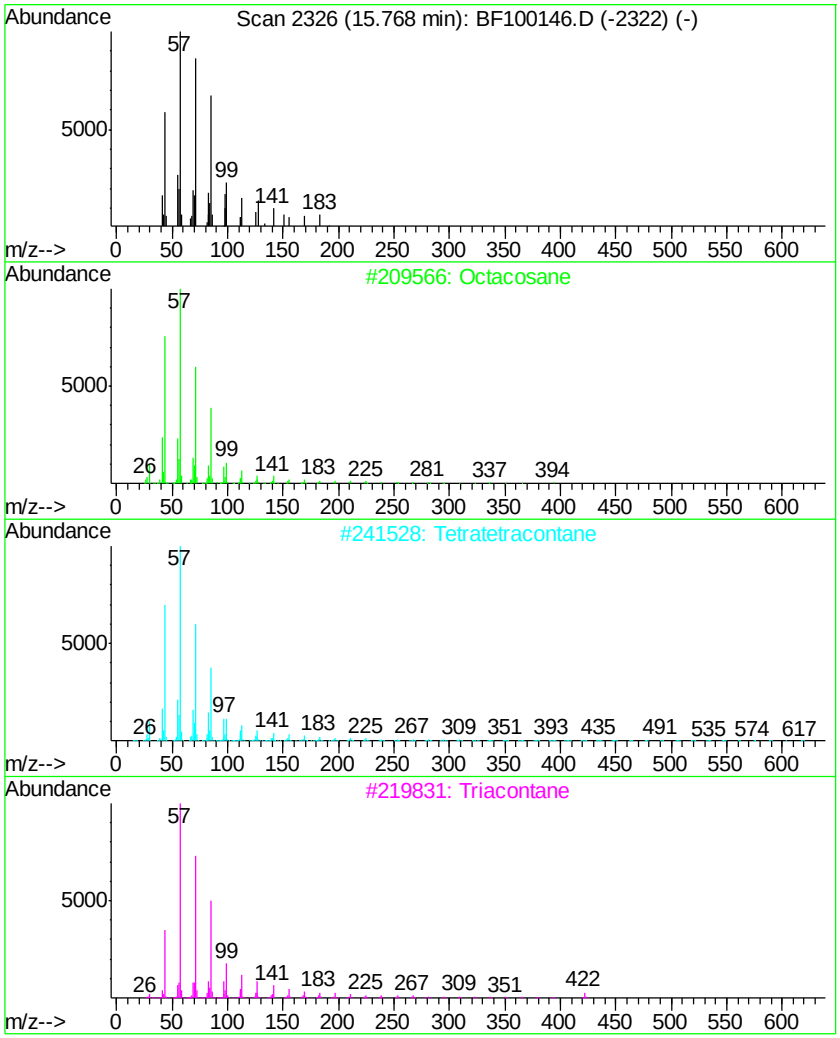
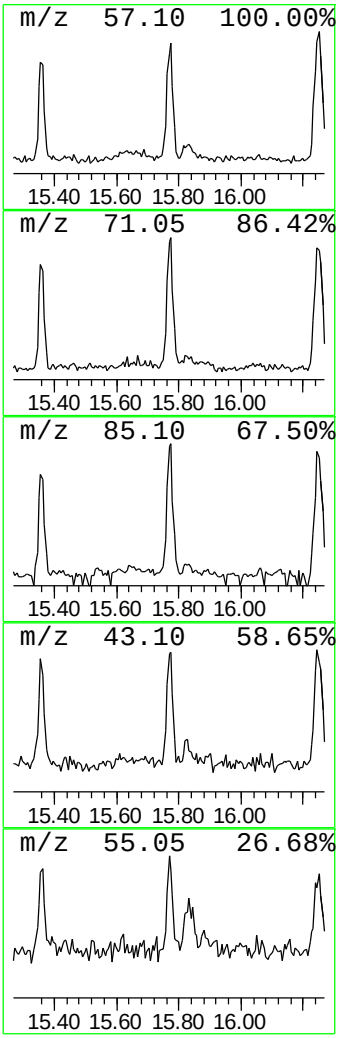
Peak Number 8 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.26 ng	54027	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hentriacontane	437	C31H64	000630-04-6	87





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q2-COMP-NATIVE

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

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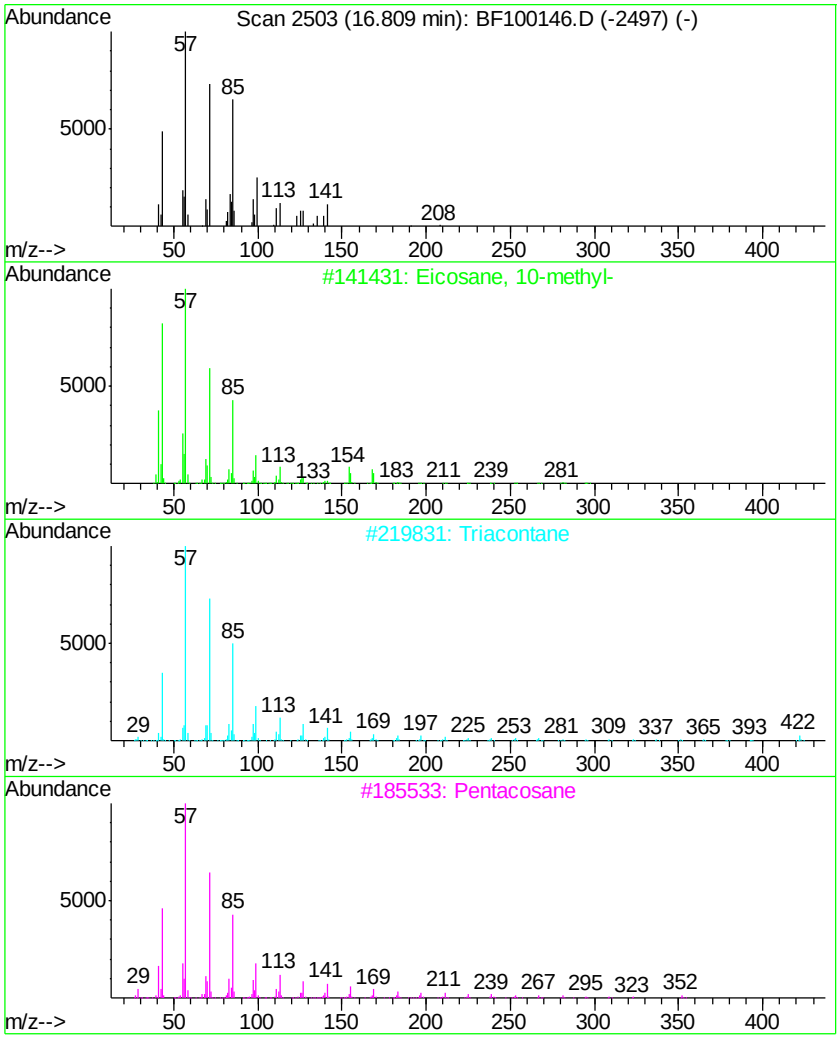
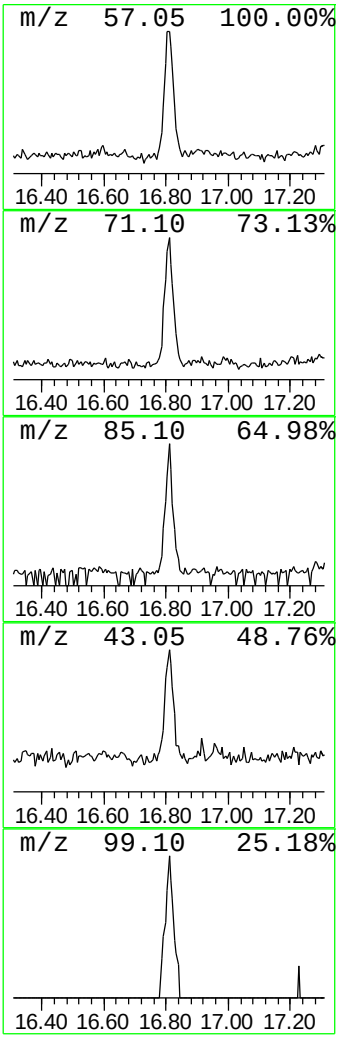
Peak Number 10 Eicosane, 10-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	2.56 ng	61025	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2	Triacontane	422	C30H62	000638-68-6	83
3	Pentacosane	352	C25H52	000629-99-2	83
4	Heneicosane	296	C21H44	000629-94-7	80
5	2-methyloctacosane	408	C29H60	1000376-72-8	78





Tentatively Identified Compound (LSC) summary

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Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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...	4.99	11.4	ng	336695	1	6.77	591853	20.0
unknown6.55	6.55	73.7	ng	2180790	1	6.77	591853	20.0
Benzophenone	10.52	3.9	ng	178973	3	9.80	919732	20.0
n-Nonadecanol-1	13.75	6.5	ng	154485	5	13.95	475864	20.0
1,2:4,5-Dibenzopy...	14.47	2.1	ng	50840	5	13.95	475864	20.0
9-Octadecenamide,...	14.67	10.2	ng	243192	5	13.95	475864	20.0
Octacosane	15.77	2.3	ng	54027	6	15.41	477104	20.0
Eicosane, 10-methyl-	16.81	2.6	ng	61025	6	15.41	477104	20.0