LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100393.D
Acq On : 10 Nov 2017 16:14
Operator : SJ/JU
Sample : I6383-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-NORTH-PARKING-LOT

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-BF110817.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	2.122	4	6	17	rVB2	84593	139867	3.68%	0.388%
2	2.322	37	40	53	rVB5	32158	57463	1.51%	0.160%
3	5.128	513	517	526	rVB	577188	690948	18.19%	1.918%
4	5.516	578	583	586	rBV	3094764	3194790	84.13%	8.868%
5	6.522	748	754	757	rBV	3103182	3489623	91.89%	9.687%
6	6.669	774	779	782	rBV	3461776	3314275	87.27%	9.200%
7	6.898	815	818	822	rVB	1227987	983791	25.91%	2.731%
8	7.057	841	845	848	rVB	2842872	2460740	64.80%	6.831%
9	7.463	908	914	917	rBV	2295647	2148721	56.58%	5.965%
10	8.180	1032	1036	1039	rBV	1666954	1325375	34.90%	3.679%
11	8.733	1126	1130	1133	rBV	245353	182547	4.81%	0.507%
12	9.257	1214	1219	1222	rBV	4233479	3797641	100.00%	10.542%
13	9.645	1282	1285	1289	rBV	123901	100458	2.65%	0.279%
14	9.939	1331	1335	1343	rVB	1605238	1454724	38.31%	4.038%
15	10.651	1451	1456	1459	rBV	898914	770310	20.28%	2.138%
16	10.721	1464	1468	1472	rBV	2124938	2070377	54.52%	5.747%
17	10.833	1484	1487	1493	rBV2	52545	76075	2.00%	0.211%
18	11.280	1560	1563	1565	rBV	58176	49209	1.30%	0.137%
19	11.310	1565	1568	1574	rVB3	95498	106260	2.80%	0.295%
20	11.421	1583	1587	1591	rBV	1633069	1406460	37.04%	3.904%
21	11.468	1592	1595	1601	rVB7	30646	53276	1.40%	0.148%
22	11.710	1632	1636	1639	rBV	76161	65717	1.73%	0.182%
23	11.751	1641	1643	1649	rVB3	38253	47892	1.26%	0.133%
24	11.939	1669	1675	1679	rBV4	208658	221558	5.83%	0.615%
25	12.115	1702	1705	1708	rVB	129078	100030	2.63%	0.278%
26	12.351	1741	1745	1749	rBV4	50239	71806	1.89%	0.199%
27	12.398	1750	1753	1754	rBV	49404	43569	1.15%	0.121%
28	12.468	1762	1765	1768	rBV3	46361	50240	1.32%	0.139%
29	12.504	1768	1771	1774	rVV	190954	157621	4.15%	0.438%
30	12.727	1805	1809	1816	rBV3	109337	199282	5.25%	0.553%
31	12.874	1831	1834	1837	rBV2	241175	204462	5.38%	0.568%
32	13.009	1852	1857	1860	rBV	2953126	2908283	76.58%	8.073%
33	13.233	1892	1895	1899	rBV	247837	211995	5.58%	0.588%
34	13.451	1929	1932	1935	rVB	82489	66316	1.75%	0.184%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB2-NORTH-PARKING-LOT

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.574	1950	1953	1956	rVB	287979	224422	5.91%	0.623%
36	13.898	2005	2008	2017	rVB	305473	388116	10.22%	1.077%
37	14.062	2032	2036	2039	rVB	931432	894584	23.56%	2.483%
38	14.215	2059	2062	2066	rBV	264363	261061	6.87%	0.725%
39	14.521	2111	2114	2117	rBV	270112	225798	5.95%	0.627%
40	14.833	2164	2167	2171	rBV	201664	213091	5.61%	0.592%
41	15.180	2223	2226	2237	rVB	192483	283419	7.46%	0.787%
42	15.545	2283	2288	2297	rVB	721521	1145254	30.16%	3.179%
43	16.015	2364	2368	2372	rBV	115389	167562	4.41%	0.465%

Sum of corrected areas: 36025008

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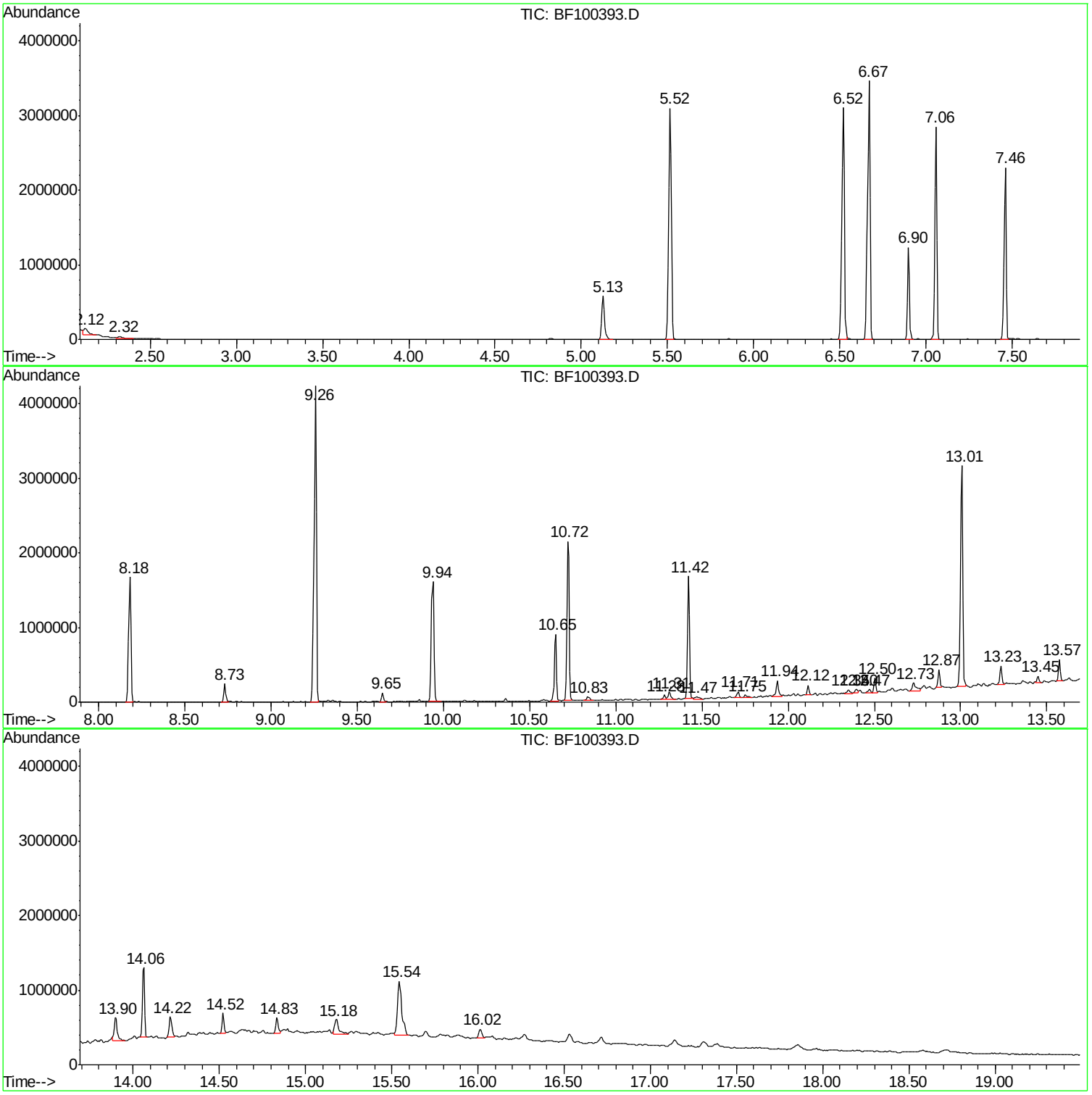
BNA_F
ClientSampleId :
SB2-NORTH-PARKING-LOT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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 : BF100393.D
Acq On : 10 Nov 2017 16:14
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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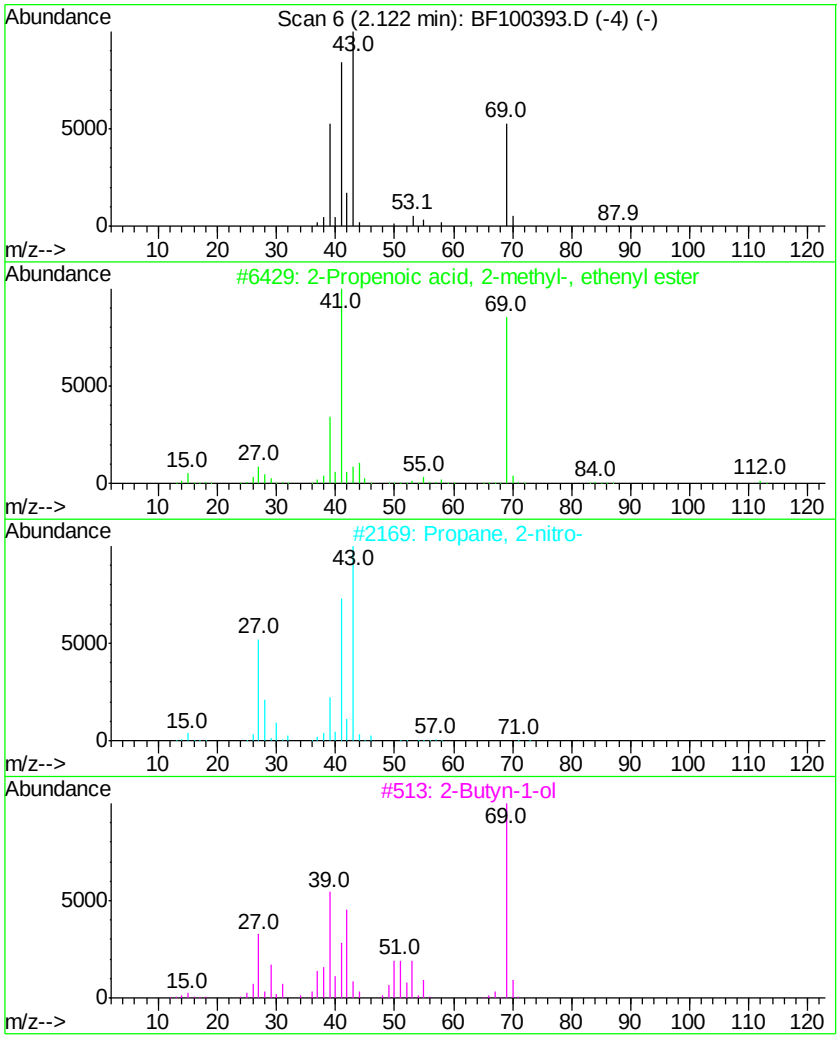
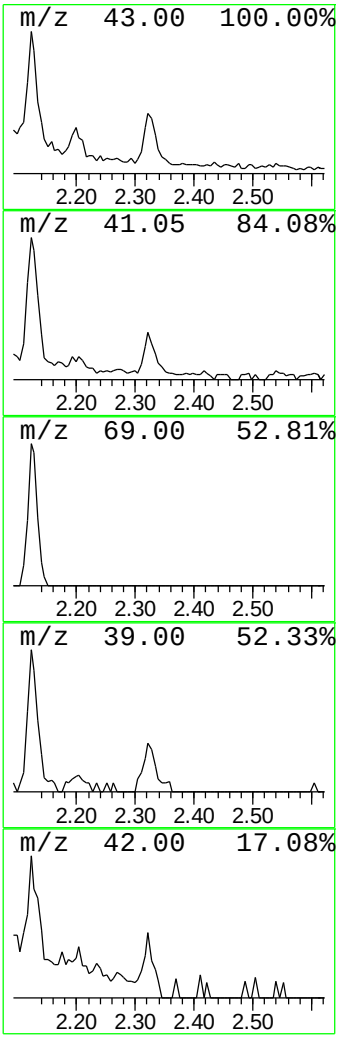
Peak Number 1 unknown2.12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	2.84 ng	139867	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, eth...	112	C6H8O2	004245-37-8	12
2	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
3	2-Butyn-1-ol	70	C4H6O	000764-01-2	7
4	Borane, ethyldimethyl-	70	C4H11B	001113-22-0	5
5	Isoxazole	69	C3H3NO	000288-14-2	5





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-NORTH-PARKING-LOT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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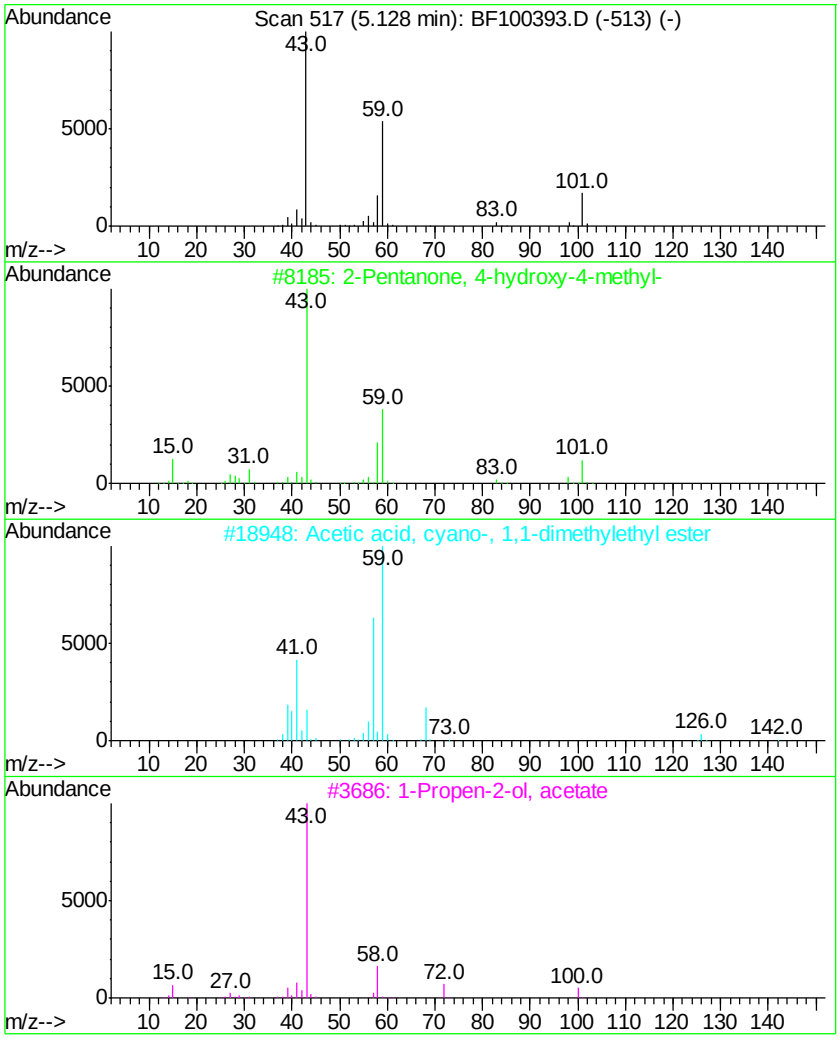
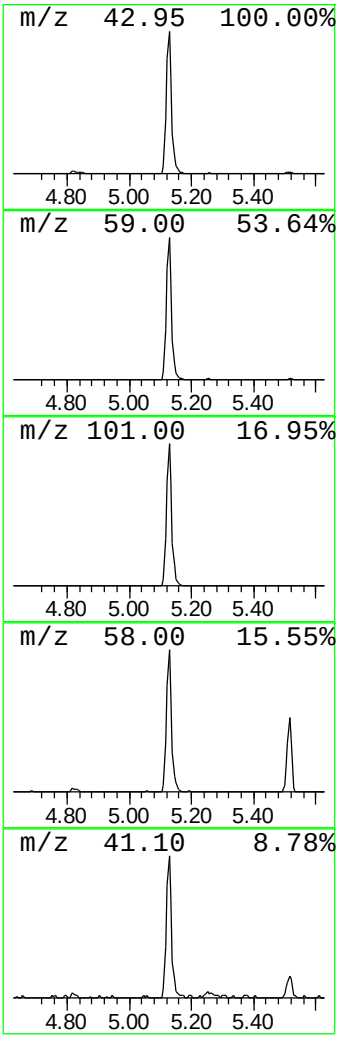
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	14.05 ng	690948	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Misc :
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Instrument : BNA_F
ClientSampleId : SB2-NORTH-PARKING-LOT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

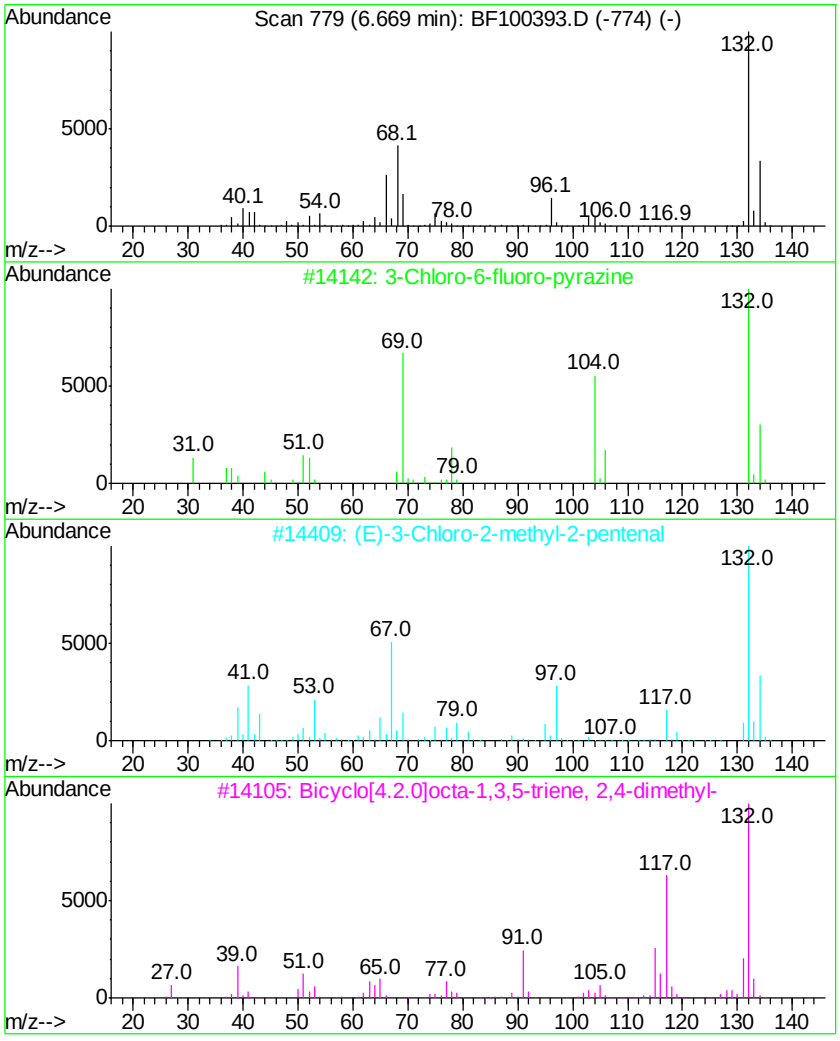
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

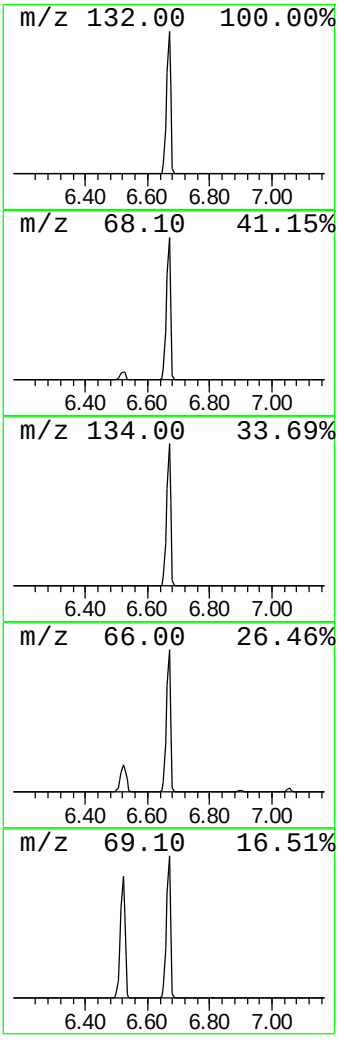
****

Peak Number 3 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	67.38 ng	3314280	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

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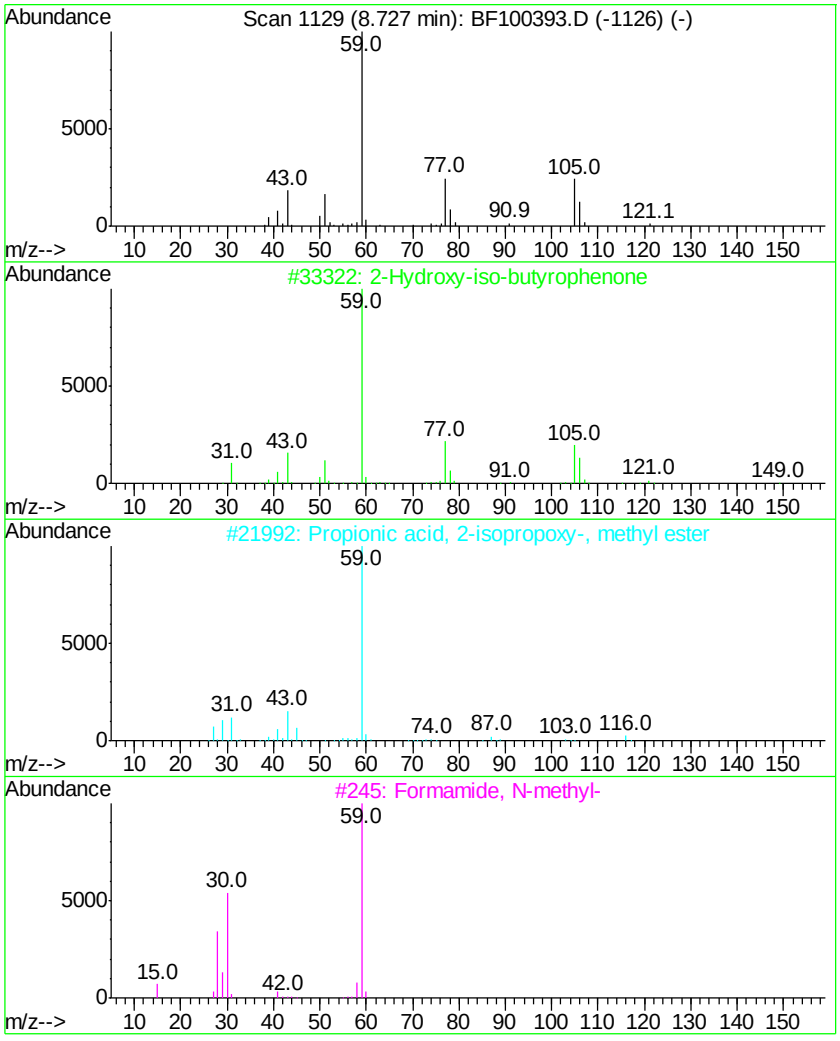
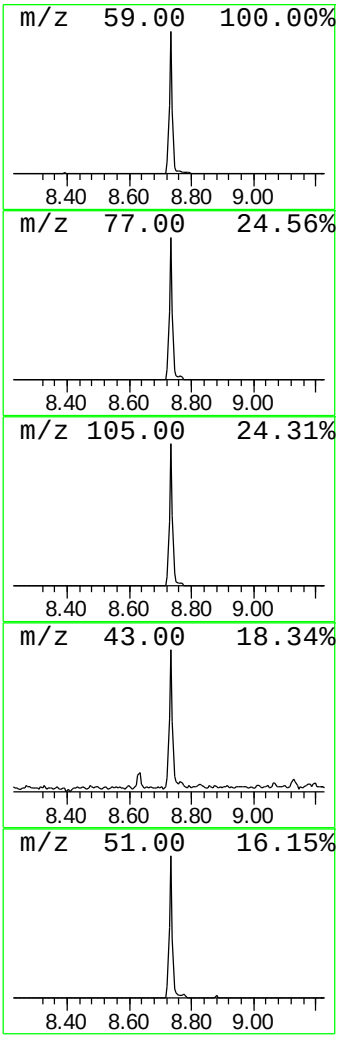
Peak Number 5 2-Hydroxy-iso-butyrophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	2.75 ng	182547	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	23
3	Formamide, N-methyl-	59	C2H5NO	000123-39-7	9
4	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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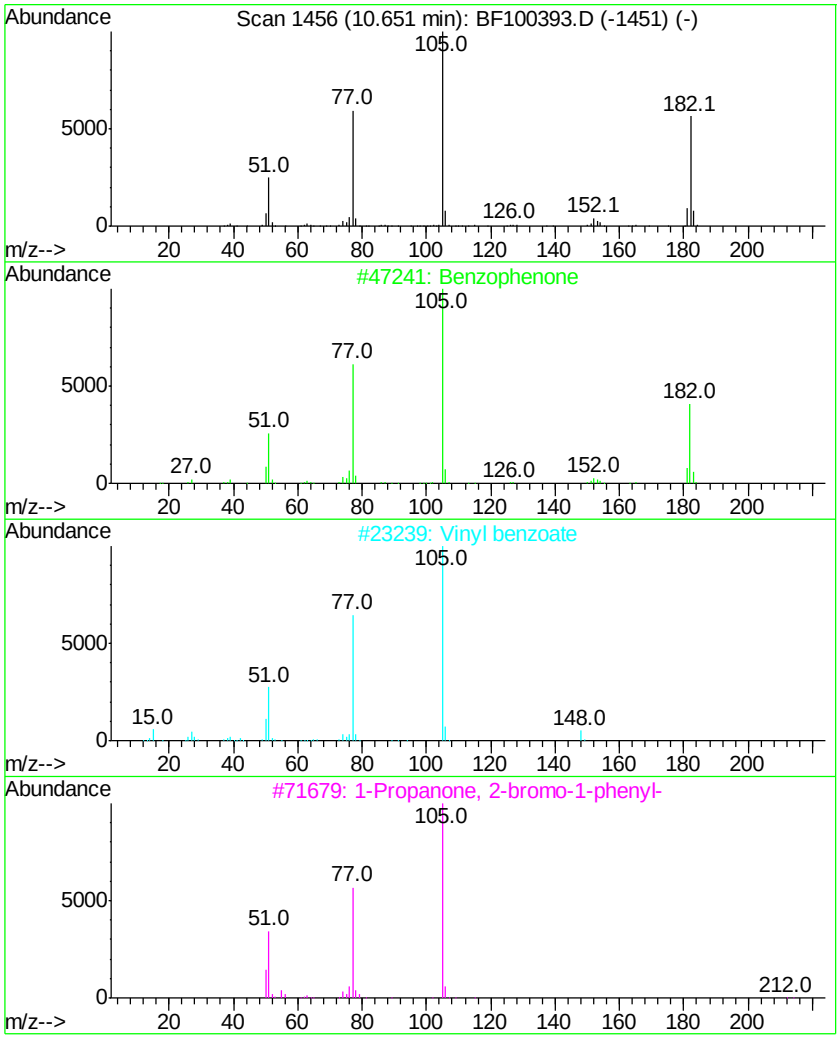
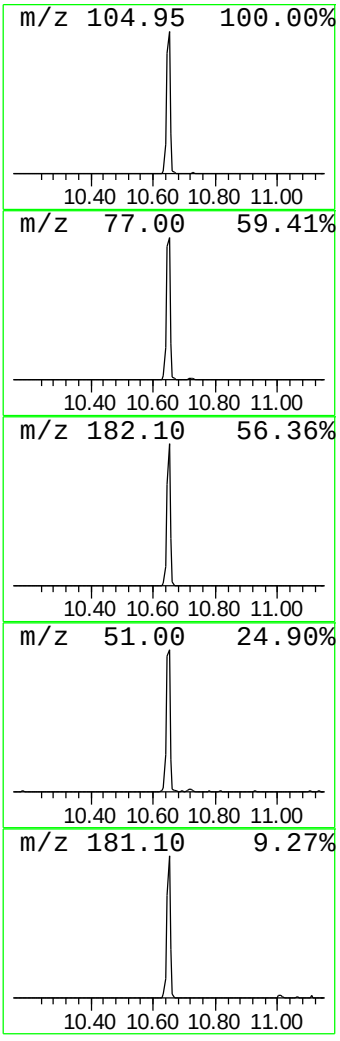
Peak Number 6 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	10.59 ng	770310	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Vinyl benzoate	148	C9H8O2	000769-78-8	47
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Benzopinacol	366	C26H22O2	000464-72-2	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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ClientSampleId : SB2-NORTH-PARKING-LOT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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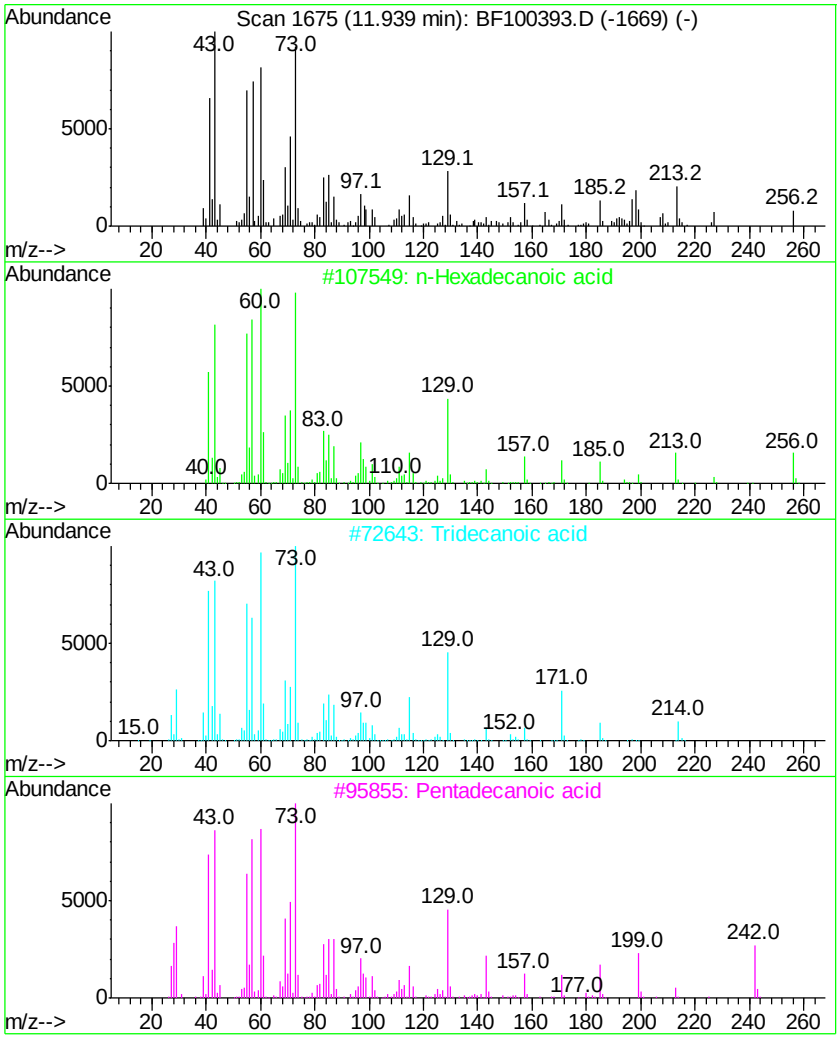
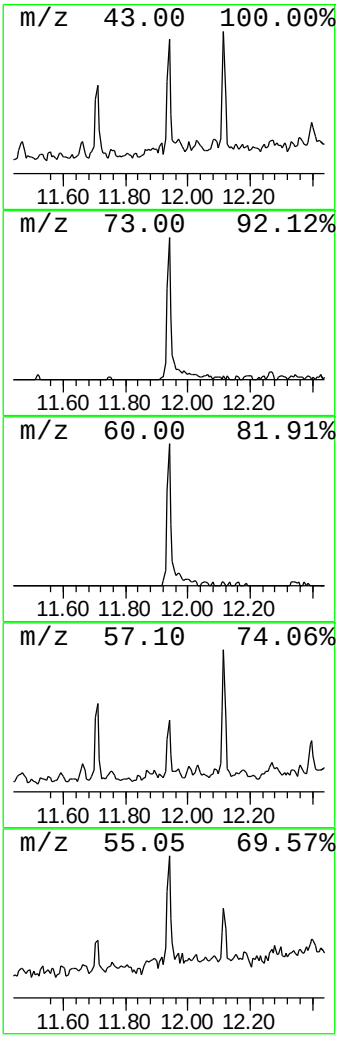
Peak Number 7 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.15 ng	221558	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Hexadecane	226	C16H34	000544-76-3	56
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





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TIC Library : C:\DATABASE\NIST11.L
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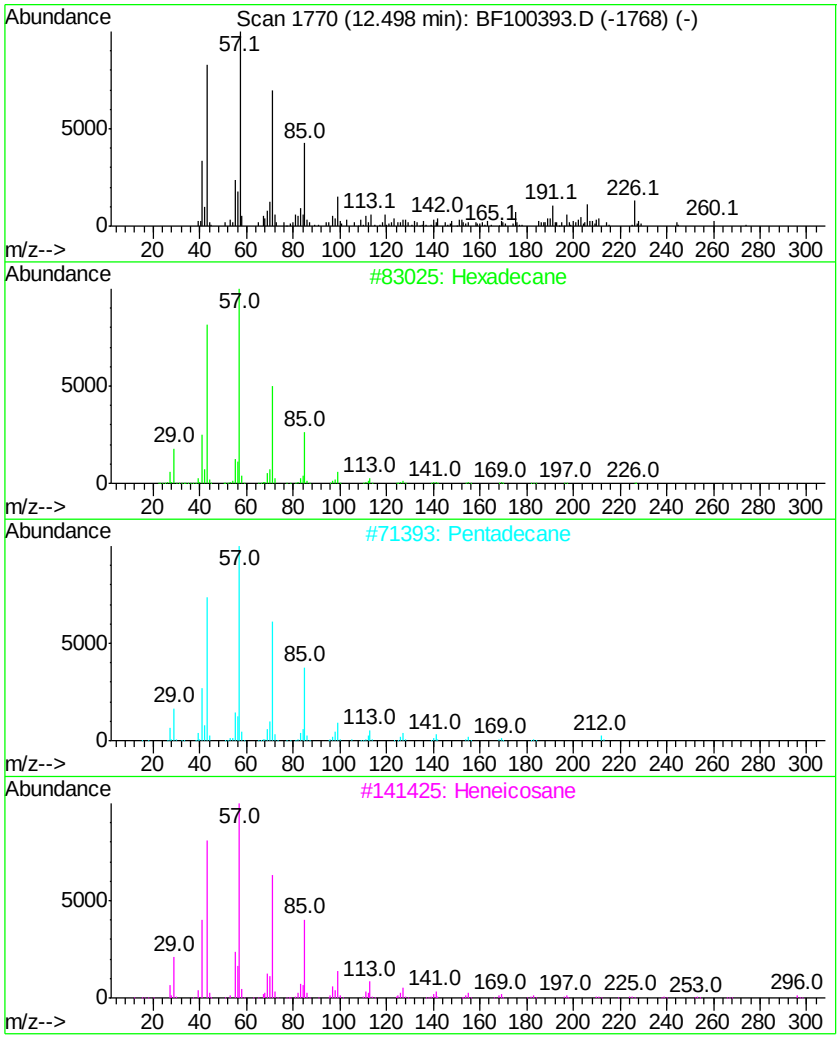
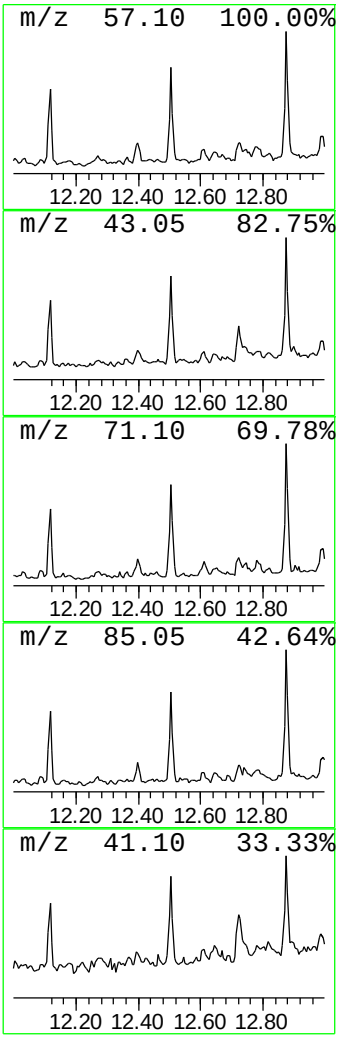
Peak Number 8 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.24 ng	157621	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane	212	C15H32	000629-62-9	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Octacosane	394	C28H58	000630-02-4	80





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Instrument : BNA_F
ClientSampleId : SB2-NORTH-PARKING-LOT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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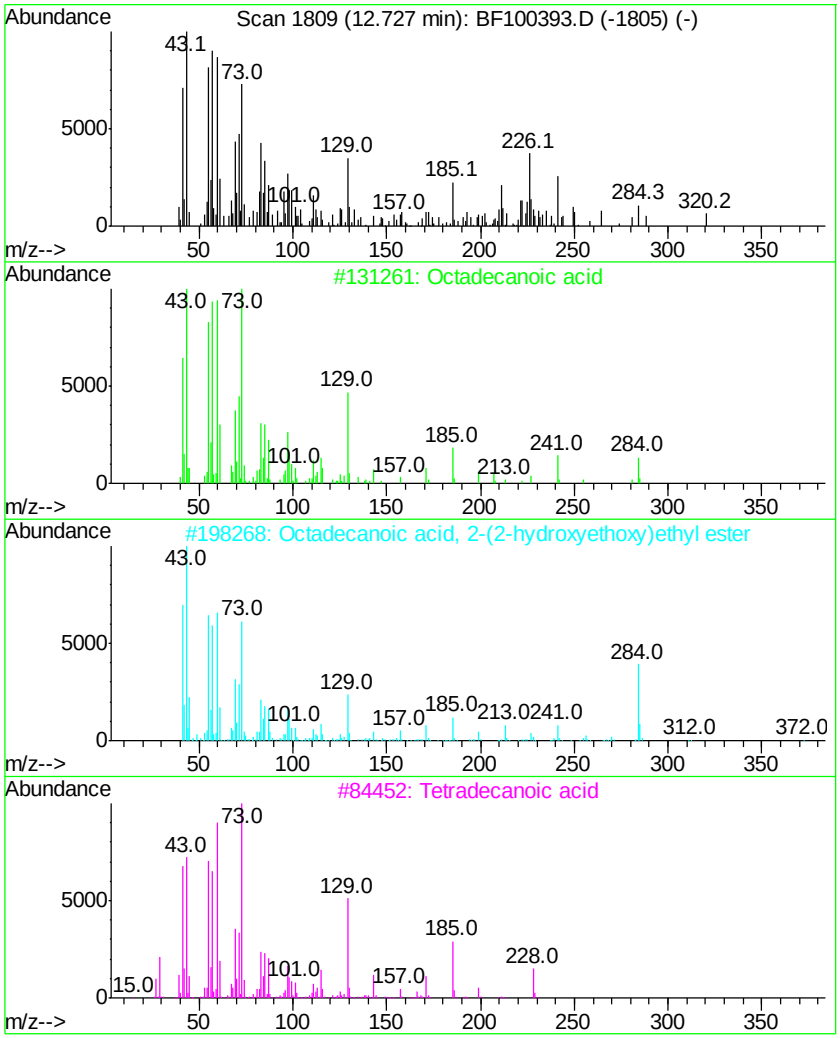
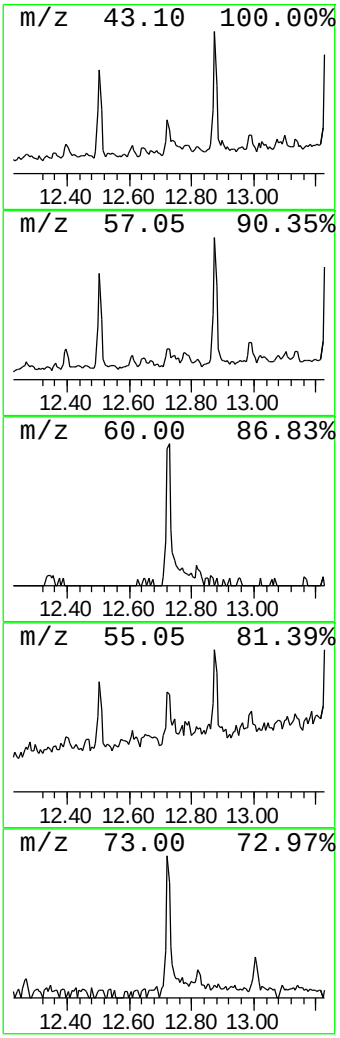
Peak Number 9 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.83 ng	199282	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	52
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4	n-Decanoic acid	172	C10H20O2	000334-48-5	46
5	Undecanoic acid	186	C11H22O2	000112-37-8	41





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Sample : I6383-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-NORTH-PARKING-LOT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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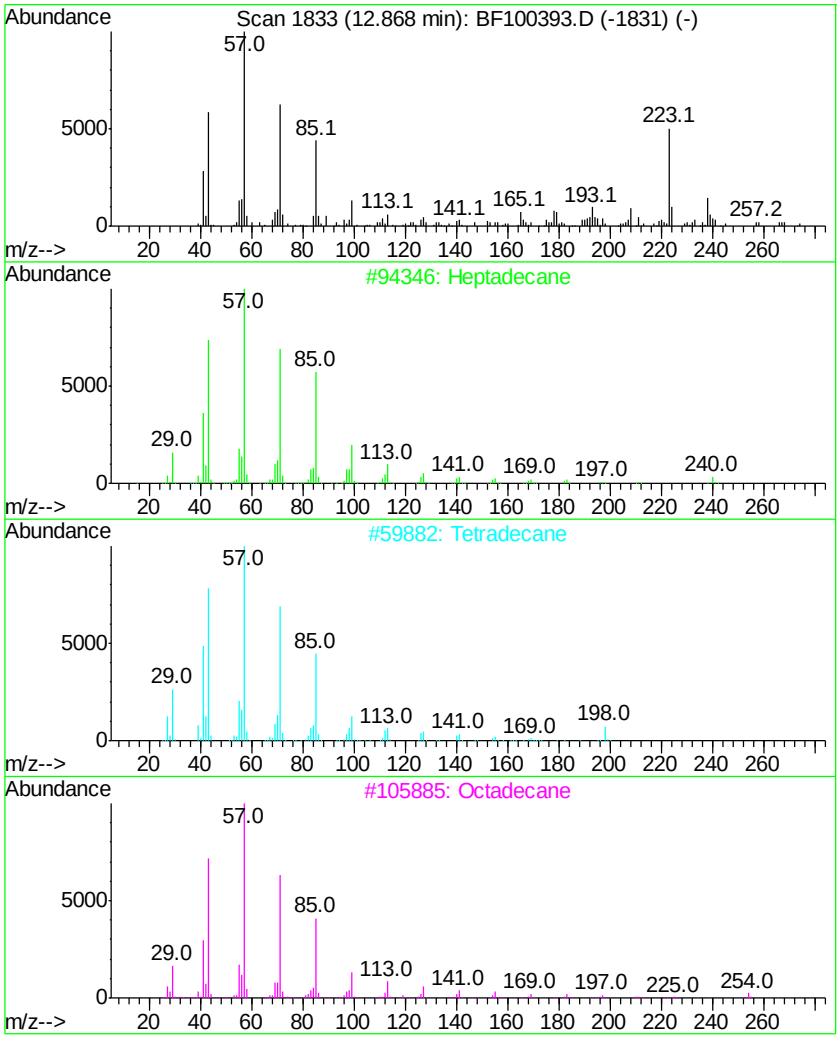
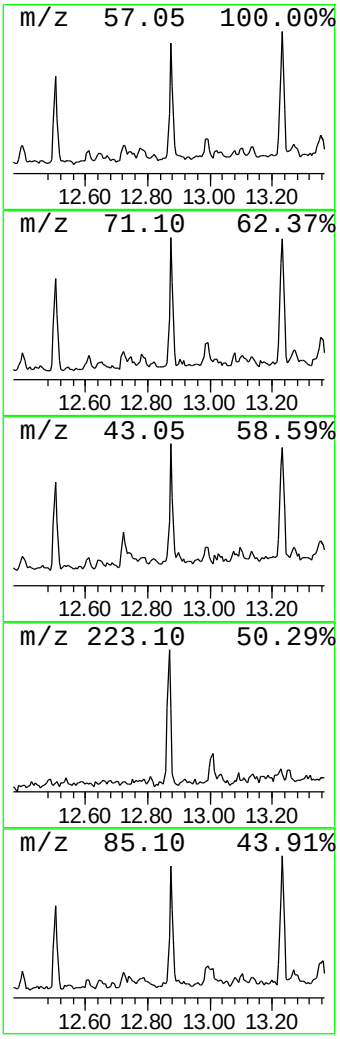
Peak Number 10 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.57 ng	204462	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tetradecane	198	C14H30	000629-59-4	81
3	Octadecane	254	C18H38	000593-45-3	74
4	Heptacosane	380	C27H56	000593-49-7	74
5	Tetracosane	338	C24H50	000646-31-1	74





Library Search Compound Report

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Acq On : 10 Nov 2017 16:14
Operator : SJ/JU
Sample : I6383-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-NORTH-PARKING-LOT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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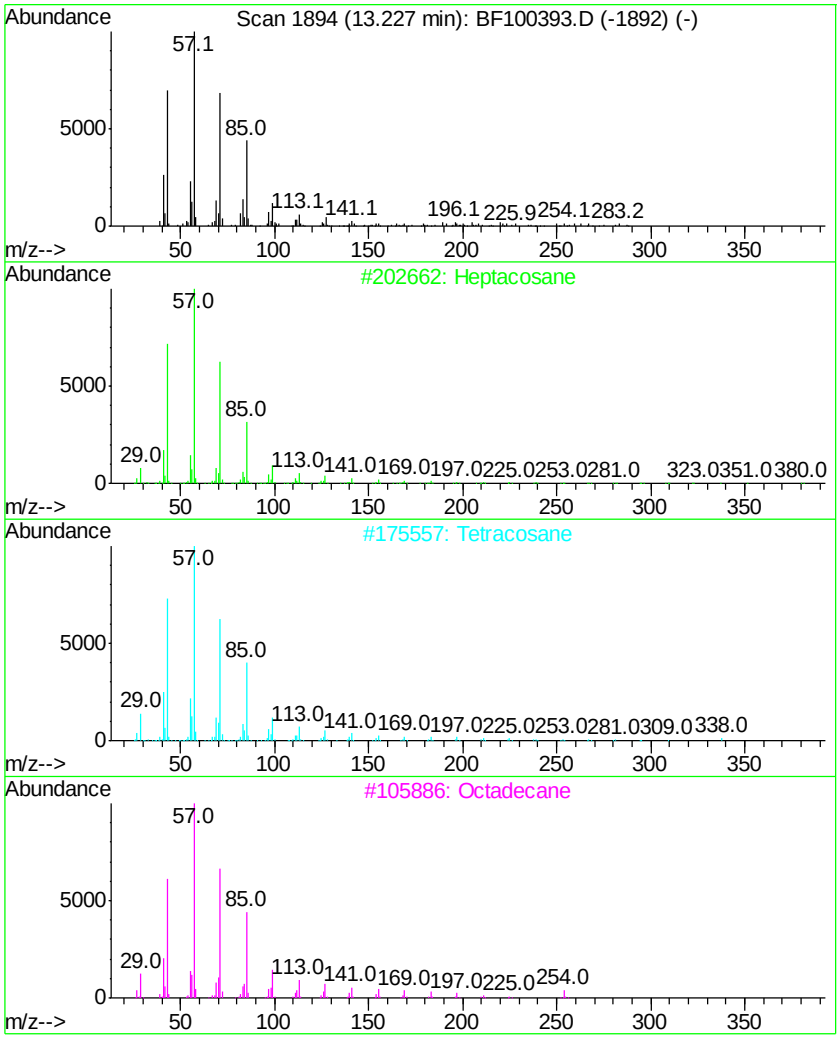
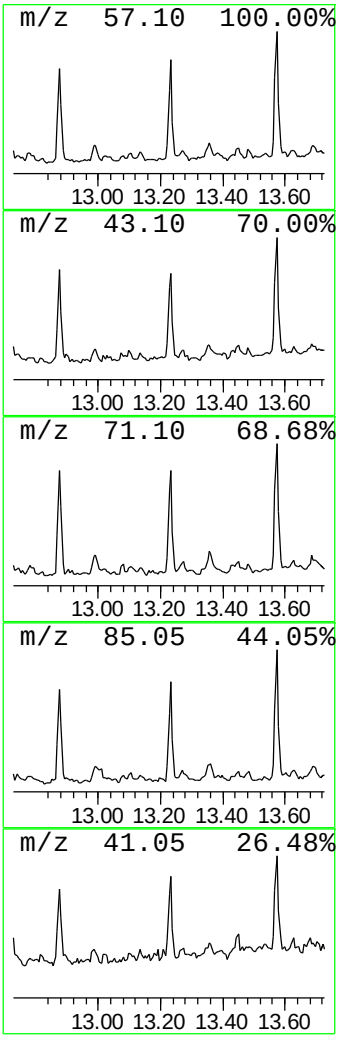
Peak Number 11 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	4.74 ng	211995	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Tetracosane	338	C24H50	000646-31-1	83
3	Octadecane	254	C18H38	000593-45-3	80
4	Heneicosane	296	C21H44	000629-94-7	68
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64





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Sample : I6383-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-NORTH-PARKING-LOT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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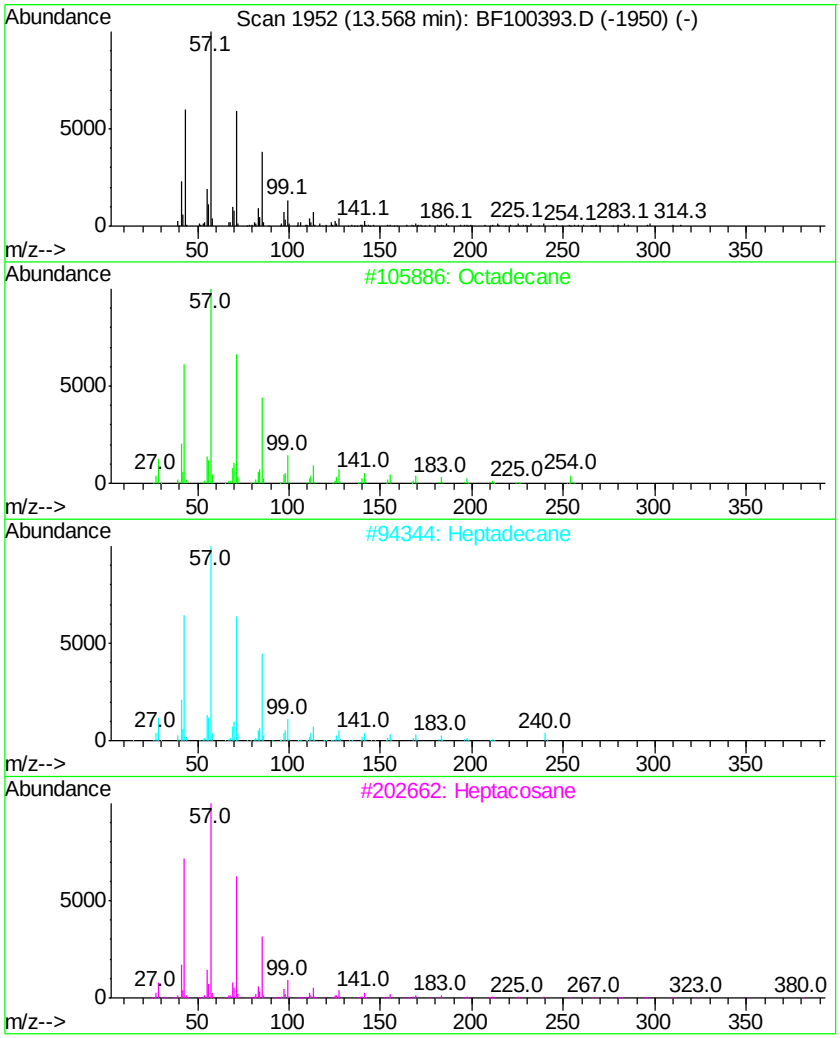
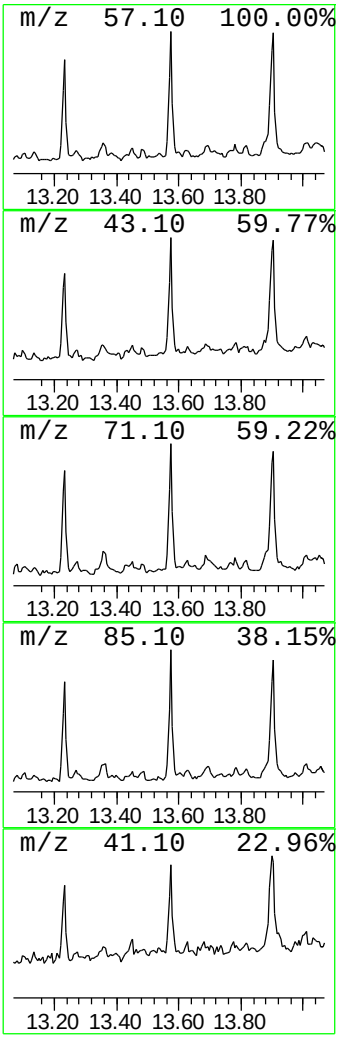
Peak Number 12 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	5.02 ng	224422	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Hexatriacontane	507	C36H74	000630-06-8	83
5	Hexacosane	366	C26H54	000630-01-3	80





Library Search Compound Report

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Operator : SJ/JU
Sample : I6383-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-NORTH-PARKING-LOT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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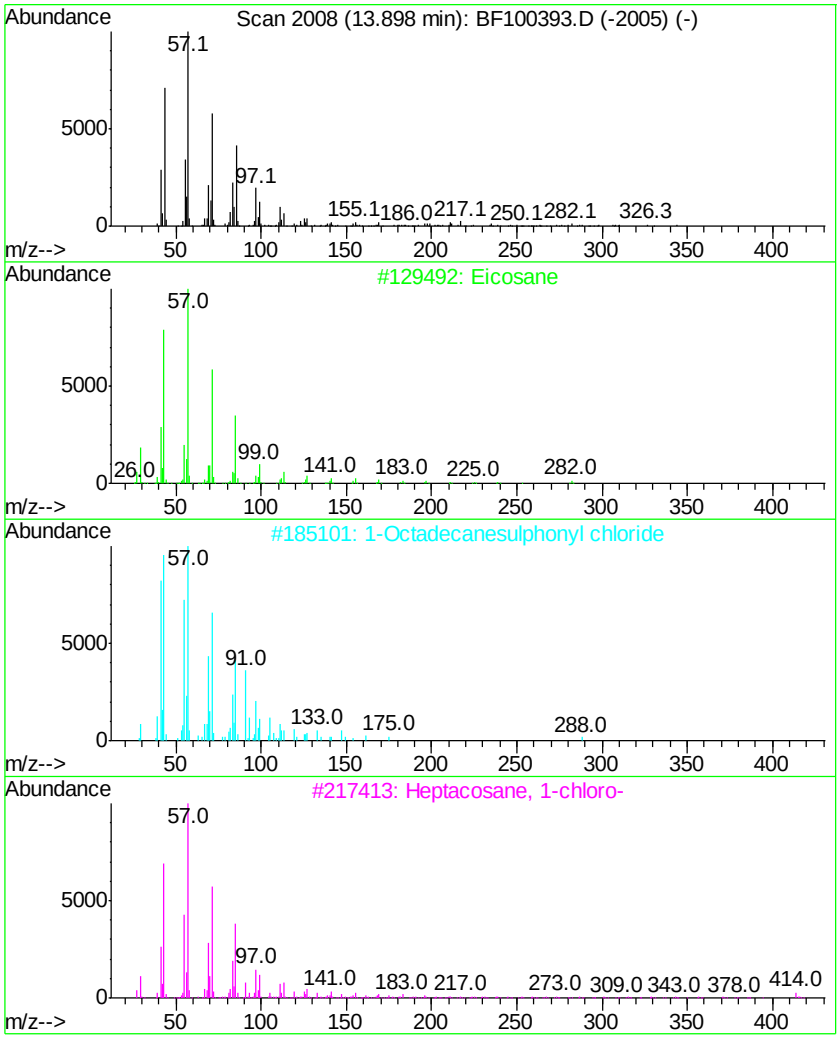
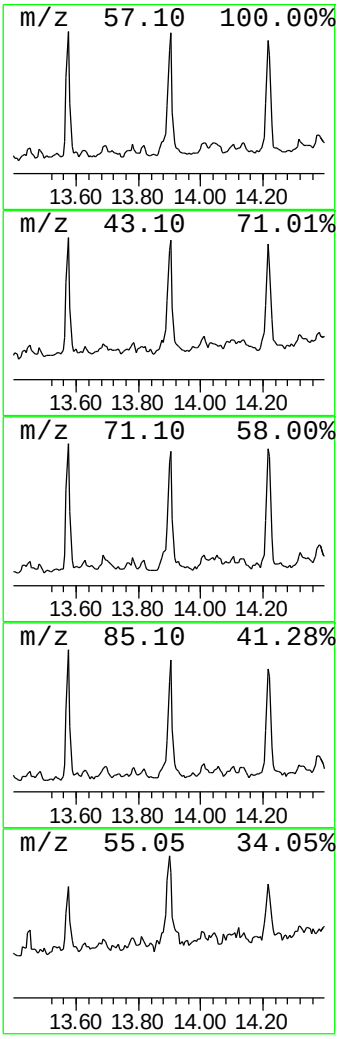
Peak Number 13 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	8.68 ng	388116	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
4	Tritetracontane	605	C43H88	007098-21-7	87
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	86





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Operator : SJ/JU
Sample : I6383-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-NORTH-PARKING-LOT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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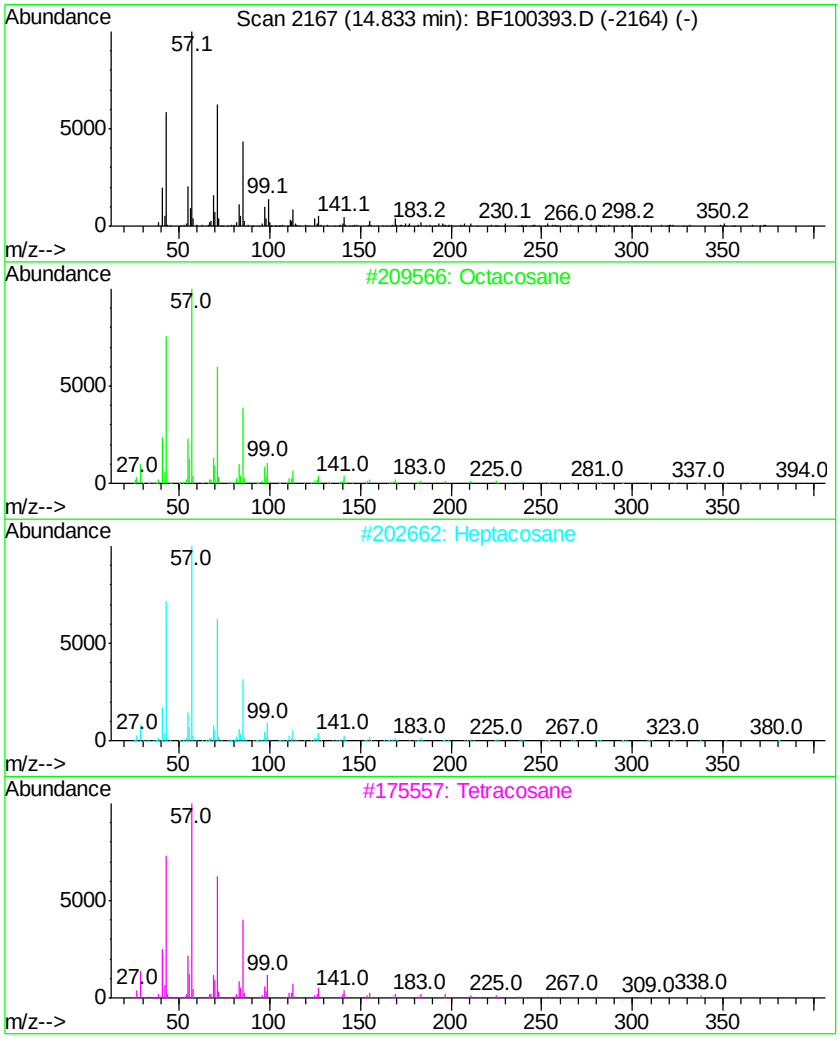
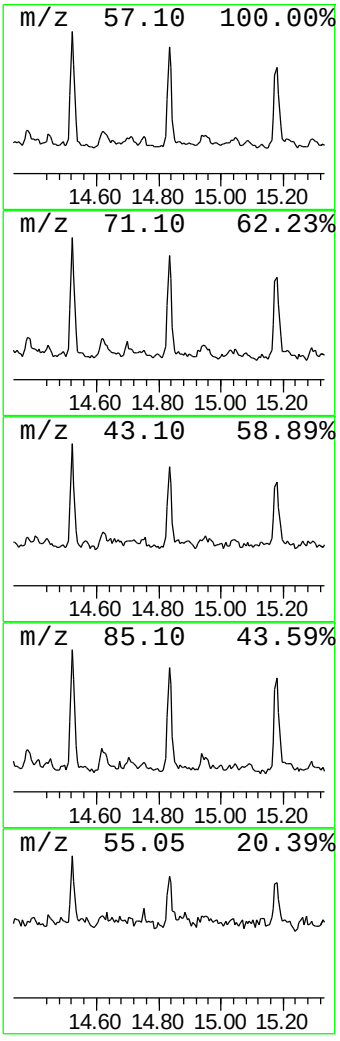
Peak Number 16 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	3.72 ng	213091	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : I6383-04
Misc :
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Instrument : BNA_F
ClientSampleId : SB2-NORTH-PARKING-LOT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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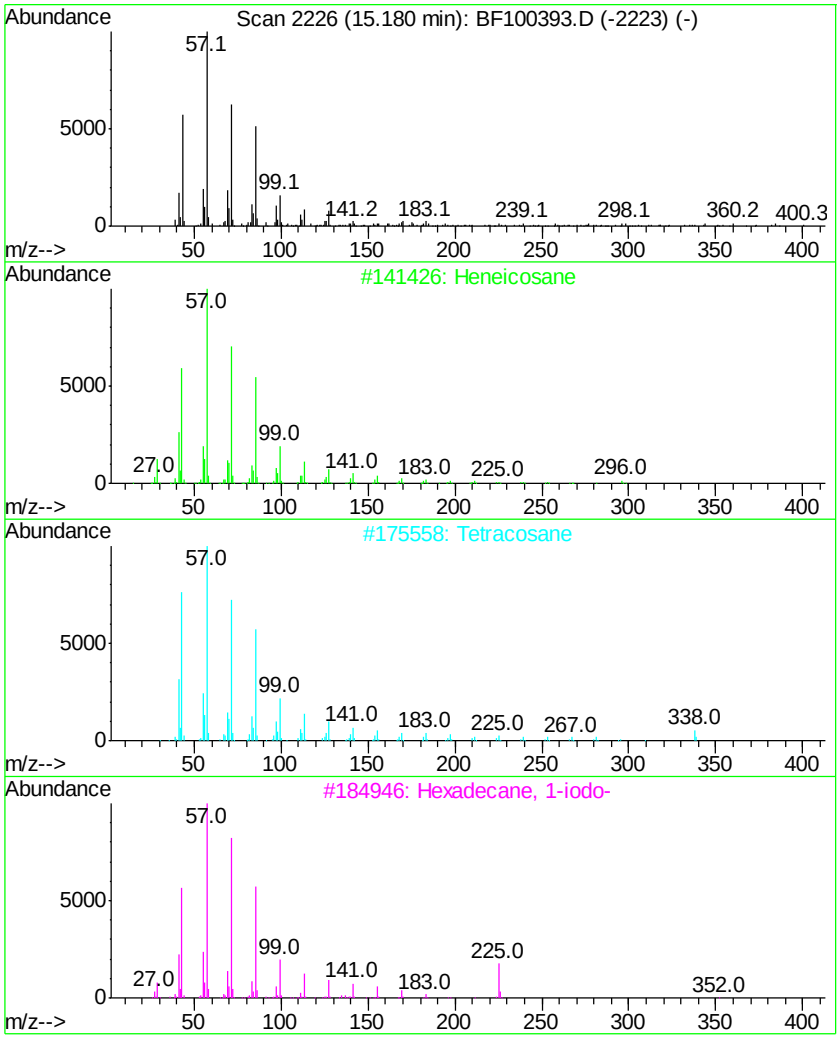
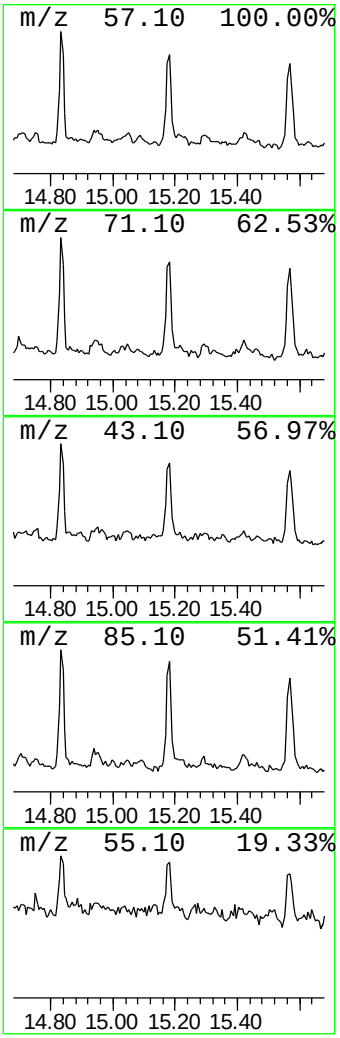
Peak Number 17 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	4.95 ng	283419	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Tetracosane	338	C24H50	000646-31-1	93
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF111017\
Data File : BF100393.D
Acq On : 10 Nov 2017 16:14
Operator : SJ/JU
Sample : I6383-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-NORTH-PARKING-LOT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
unknown2.12	2.12	2.8	ng	139867	1	6.90	983791	20.0
2-Pentanone, 4-hy...	5.13	14.1	ng	690948	1	6.90	983791	20.0
unknown6.67	6.67	67.4	ng	3314280	1	6.90	983791	20.0
2-Hydroxy-iso-but...	8.73	2.8	ng	182547	2	8.18	1325380	20.0
Benzophenone	10.65	10.6	ng	770310	3	9.94	1454720	20.0
n-Hexadecanoic acid	11.94	3.1	ng	221558	4	11.42	1406460	20.0
Hexadecane	12.50	2.2	ng	157621	4	11.42	1406460	20.0
Octadecanoic acid	12.73	2.8	ng	199282	4	11.42	1406460	20.0
Heptadecane	12.87	4.6	ng	204462	5	14.06	894584	20.0
Heptacosane	13.23	4.7	ng	211995	5	14.06	894584	20.0
Octadecane	13.57	5.0	ng	224422	5	14.06	894584	20.0
Eicosane	13.90	8.7	ng	388116	5	14.06	894584	20.0
Octacosane	14.83	3.7	ng	213091	6	15.54	1145250	20.0
Heneicosane	15.18	5.0	ng	283419	6	15.54	1145250	20.0