LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118093.D
Acq On : 4 Dec 2019 18:28
Operator : JU
Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

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-BF111319.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	2.163	5	13	18	rBV	4694533	6267453	100.00%	12.032%
2	5.086	506	510	518	rVB	347862	402567	6.42%	0.773%
3	5.492	574	579	582	rBV	2864113	2554544	40.76%	4.904%
4	6.498	746	750	764	rVB	1843055	1847814	29.48%	3.547%
5	6.645	771	775	778	rBV	4597839	4203632	67.07%	8.070%
6	6.874	811	814	818	rBV	1277467	1039242	16.58%	1.995%
7	7.033	837	841	844	rBV	3533237	2952923	47.12%	5.669%
8	7.439	905	910	913	rBV	2515637	2376495	37.92%	4.562%
9	8.162	1029	1033	1040	rBV	1512009	1297650	20.70%	2.491%
10	9.245	1211	1217	1220	rBV	4911824	4170391	66.54%	8.006%
11	9.633	1280	1283	1288	rBV	587076	571470	9.12%	1.097%
12	9.927	1329	1333	1342	rVB	1698028	1442881	23.02%	2.770%
13	10.127	1361	1367	1373	rBV	118833	123492	1.97%	0.237%
14	10.586	1441	1445	1450	rVB	100480	99918	1.59%	0.192%
15	10.721	1463	1468	1471	rBV	3866619	3511054	56.02%	6.740%
16	11.421	1583	1587	1592	rBV	1852226	1622936	25.89%	3.116%
17	11.951	1672	1677	1689	rBV	2151754	2505963	39.98%	4.811%
18	12.639	1791	1794	1795	rBV	168820	161170	2.57%	0.309%
19	12.650	1795	1796	1806	rVB	132599	192975	3.08%	0.370%
20	12.739	1806	1811	1824	rBV	1614546	1788056	28.53%	3.433%
21	13.015	1853	1858	1861	rBV	5444958	5161776	82.36%	9.909%
22	13.239	1893	1896	1899	rVB	123844	113205	1.81%	0.217%
23	13.474	1930	1936	1937	rBV5	59396	68567	1.09%	0.132%
24	13.580	1949	1954	1957	rBV2	225710	226177	3.61%	0.434%
25	13.909	2006	2010	2016	rBV	814079	956466	15.26%	1.836%
26	14.074	2033	2038	2041	rVB	1254998	1211568	19.33%	2.326%
27	14.227	2060	2064	2071	rBV	457328	393226	6.27%	0.755%
28	14.533	2112	2116	2122	rBV	690536	600648	9.58%	1.153%
29	14.844	2165	2169	2175	rBV	778602	799888	12.76%	1.536%
30	15.191	2223	2228	2238	rBV	743485	924262	14.75%	1.774%
31	15.568	2286	2292	2293	rBV	802099	970605	15.49%	1.863%
32	16.033	2365	2371	2377	rBV	441605	696342	11.11%	1.337%
33	16.091	2377	2381	2390	rVB7	34923	73759	1.18%	0.142%
34	16.556	2452	2460	2476	rBV3	239283	506877	8.09%	0.973%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118093.D
Acq On : 4 Dec 2019 18:28
Operator : JU
Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.174	2557	2565	2570	rBV3	68177	160615	2.56%	0.308%
36	17.691	2647	2653	2664	rVB8	34678	93647	1.49%	0.180%

Sum of corrected areas: 52090254

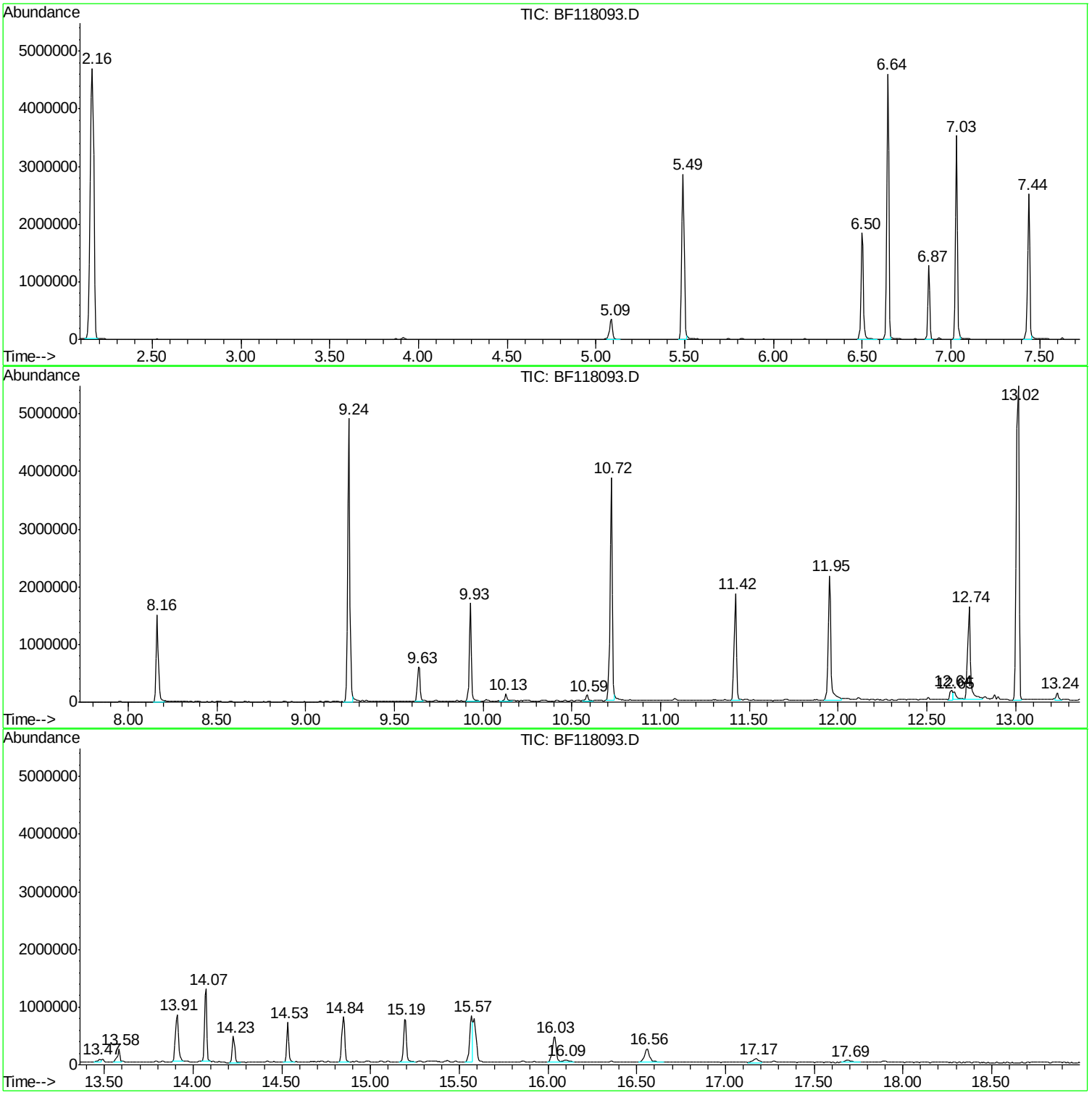
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118093.D
Acq On : 4 Dec 2019 18:28
Operator : JU
Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118093.D
Acq On : 4 Dec 2019 18:28
Operator : JU
Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

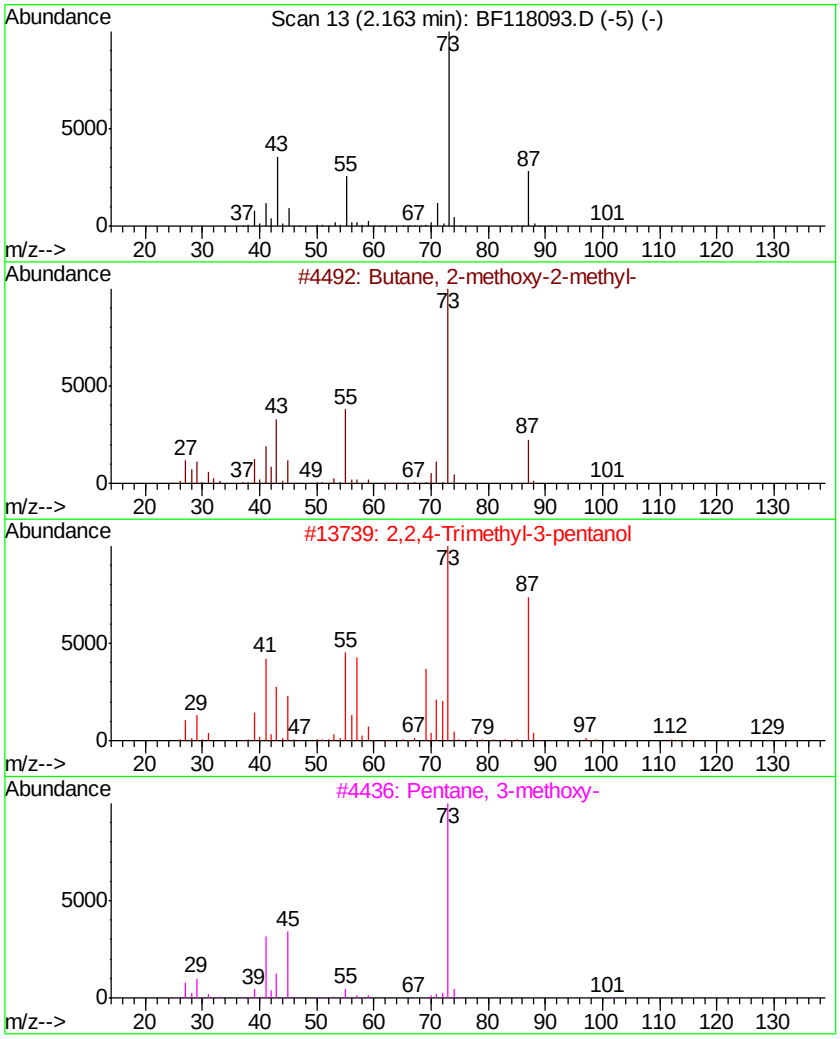
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

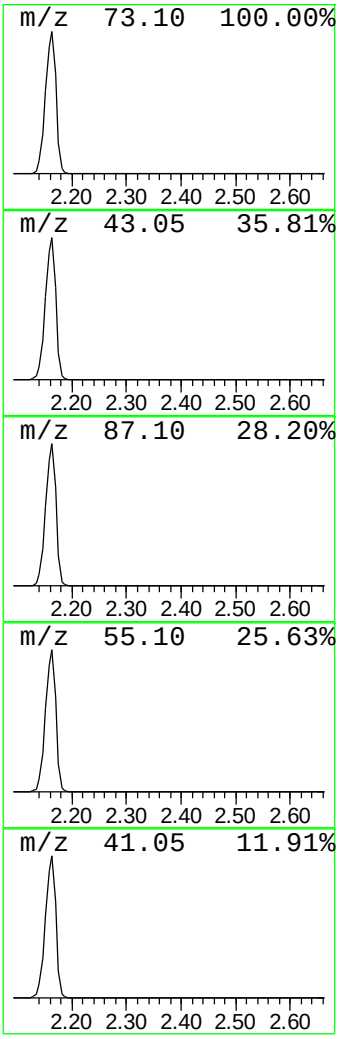
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	120.62 ng	6267450	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118093.D
Acq On : 4 Dec 2019 18:28
Operator : JU
Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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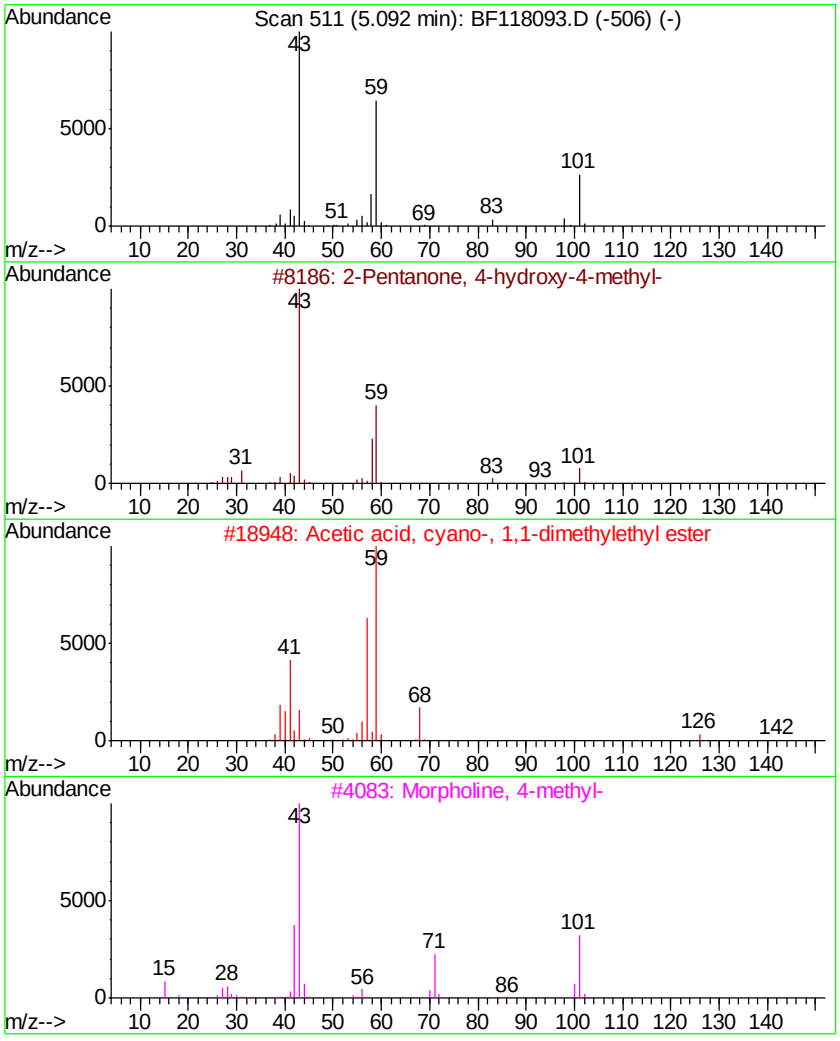
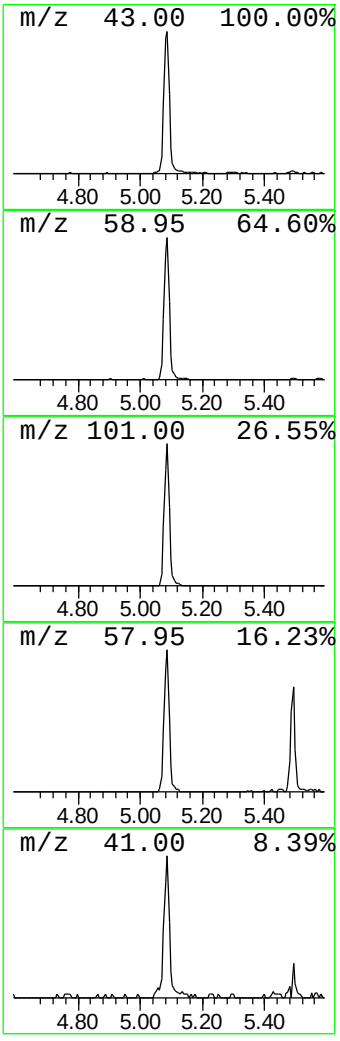
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	7.75 ng	402567	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118093.D
Acq On : 4 Dec 2019 18:28
Operator : JU
Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

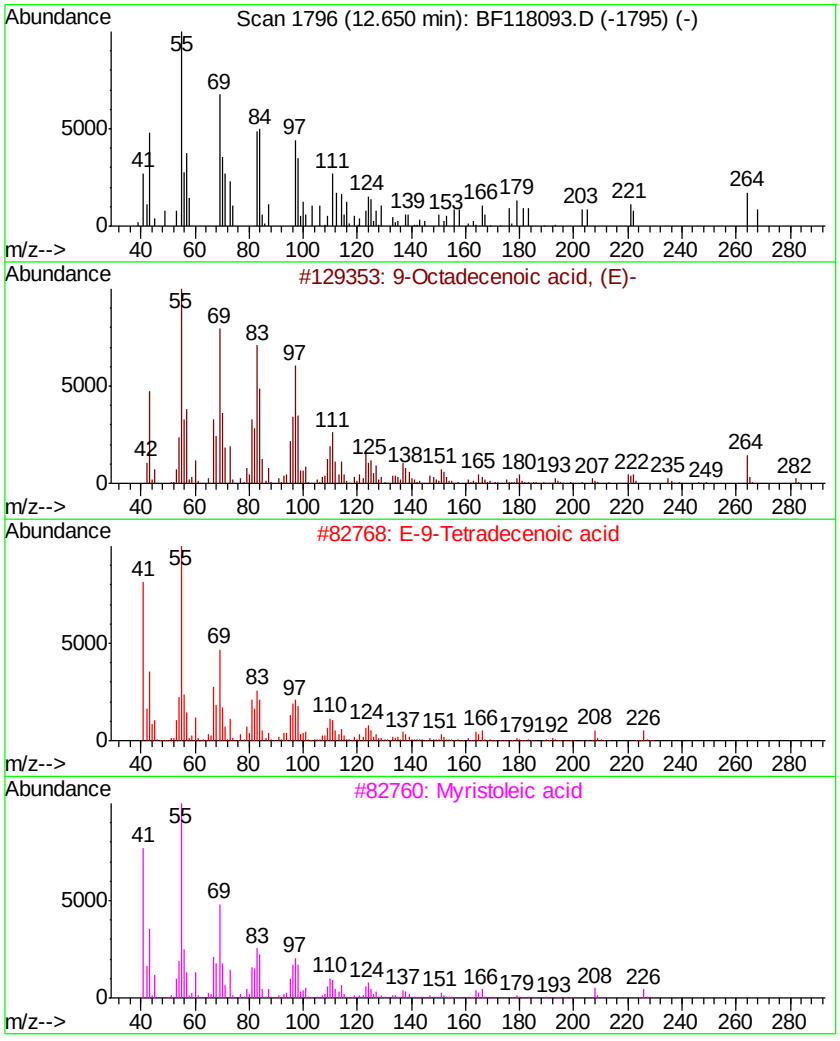
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

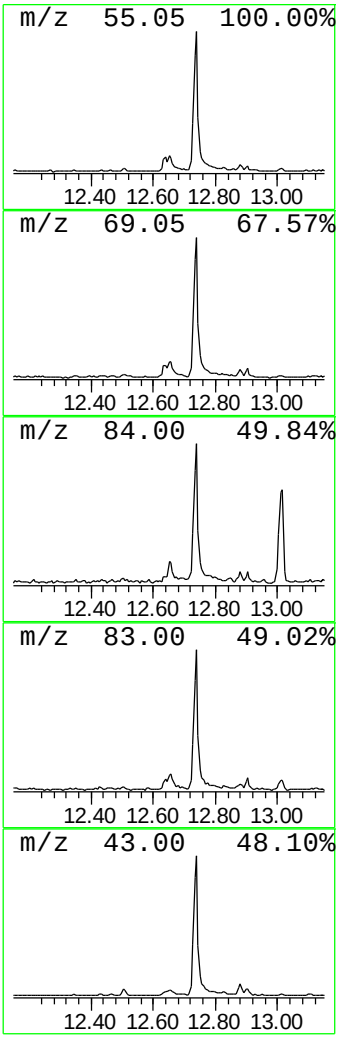
****

Peak Number 3 9-Octadecenoic acid, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	2.38 ng	192975	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	80
2	E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	78
3	Myristoleic acid	226	C14H26O2	000544-64-9	72
4	Oleic Acid	282	C18H34O2	000112-80-1	72
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118093.D
Acq On : 4 Dec 2019 18:28
Operator : JU
Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

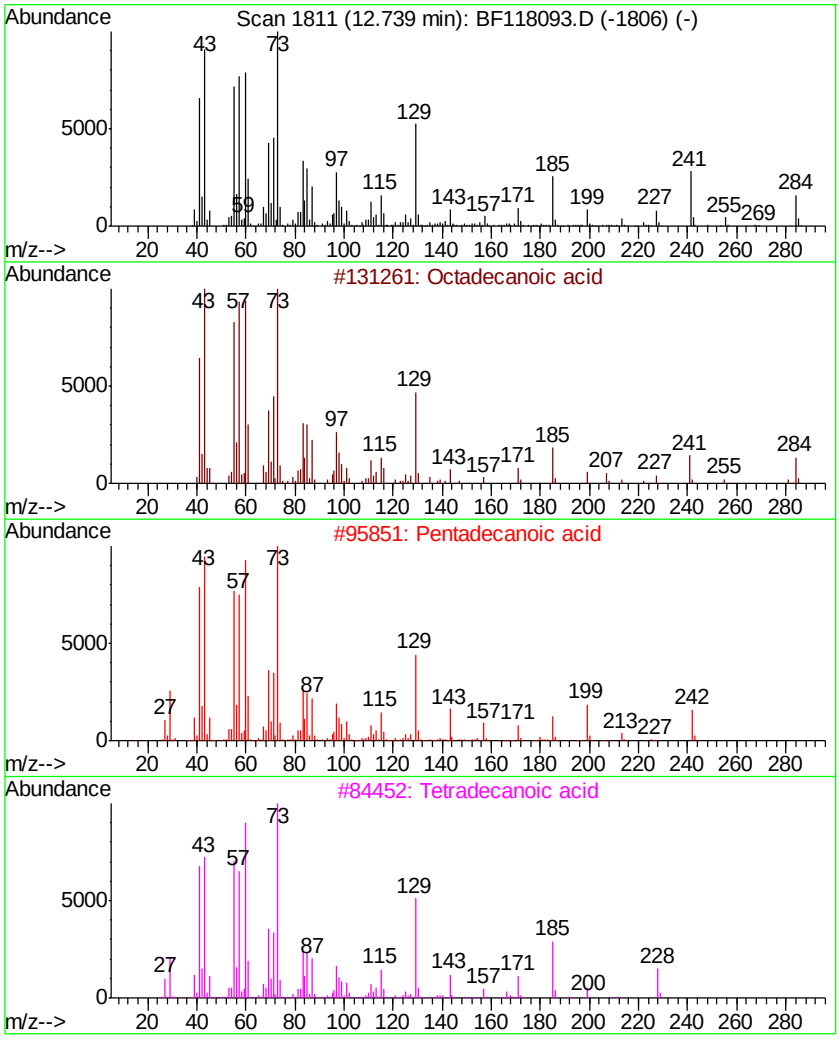
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

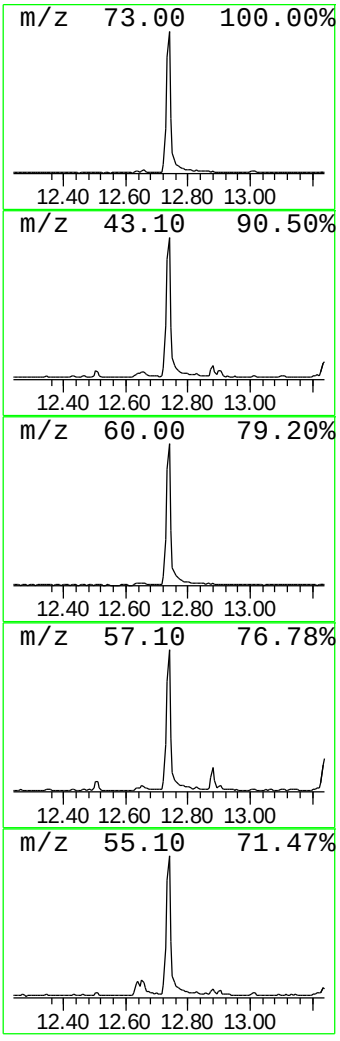
****

Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	22.03 ng	1788060	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Cyclohexanecarboxylic acid, decy...	268	C17H32O2	093479-48-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118093.D
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Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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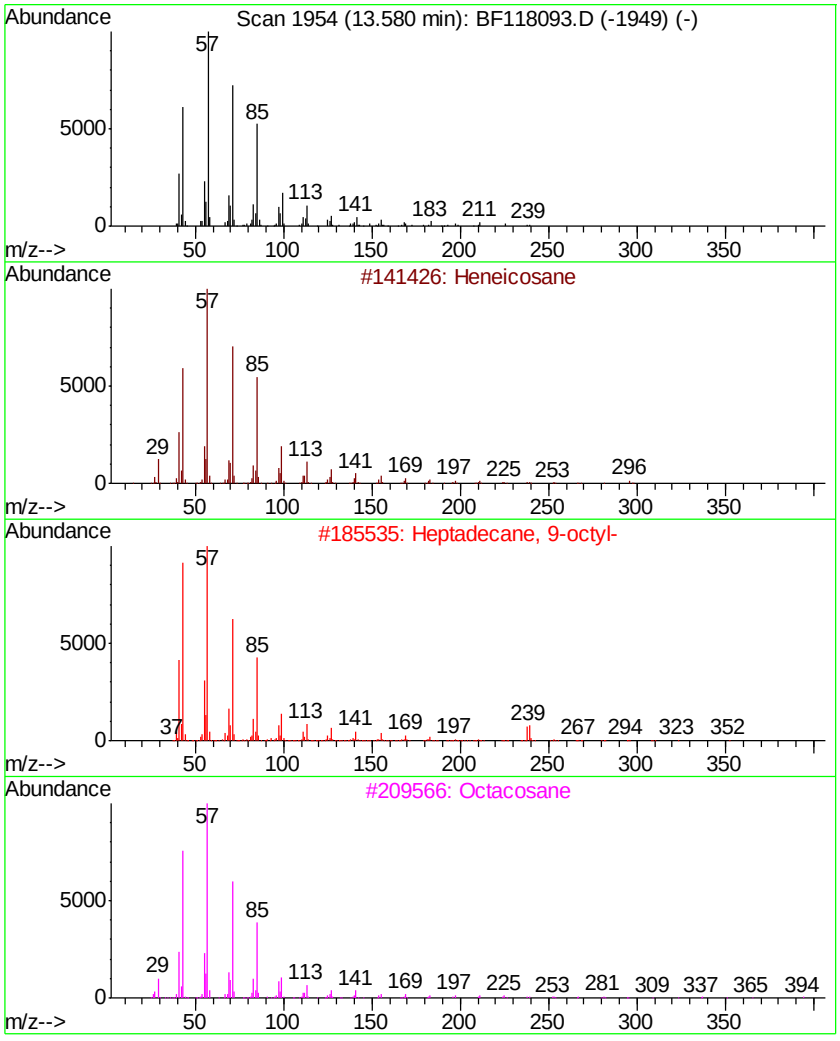
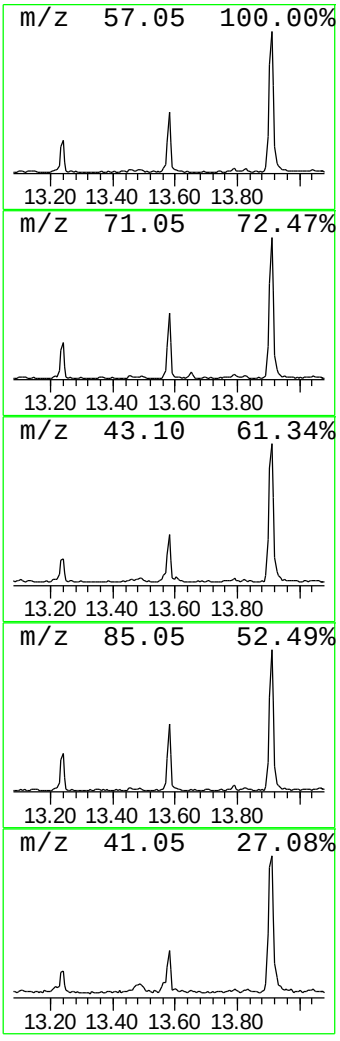
Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.73 ng	226177	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptadecane	240	C17H36	000629-78-7	87





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Sample : K6024-07
Misc :
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Instrument : BNA_F
ClientSampleId : TWP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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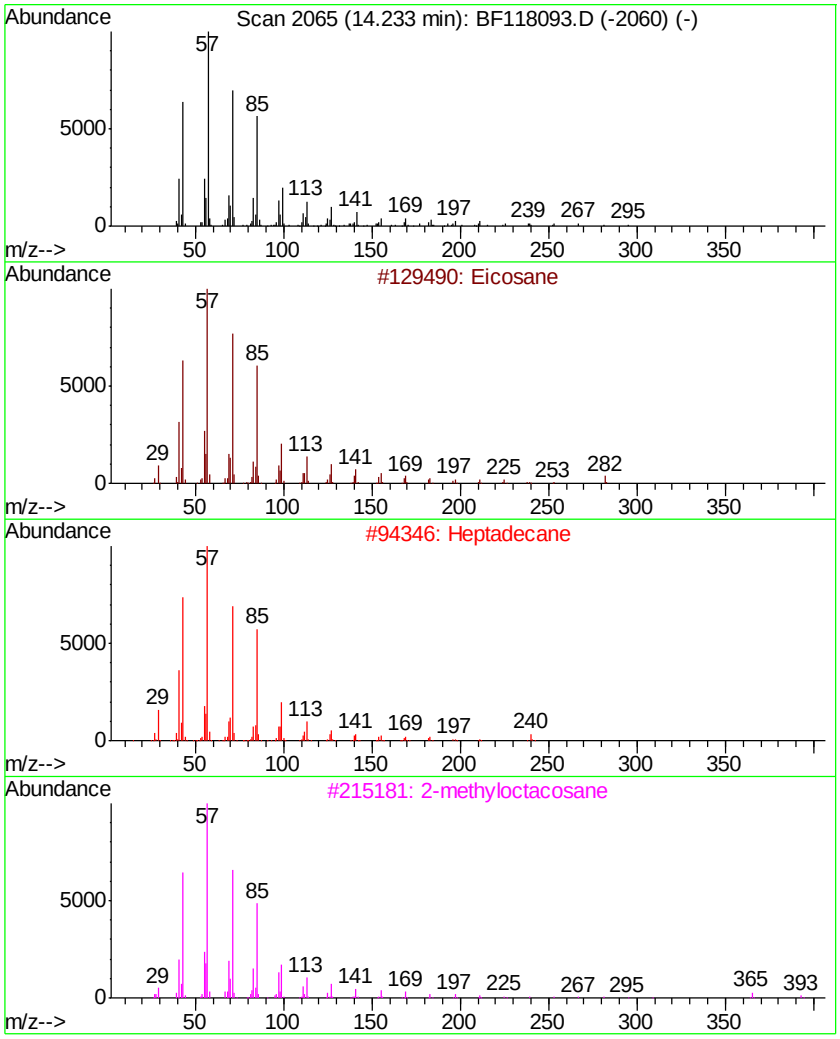
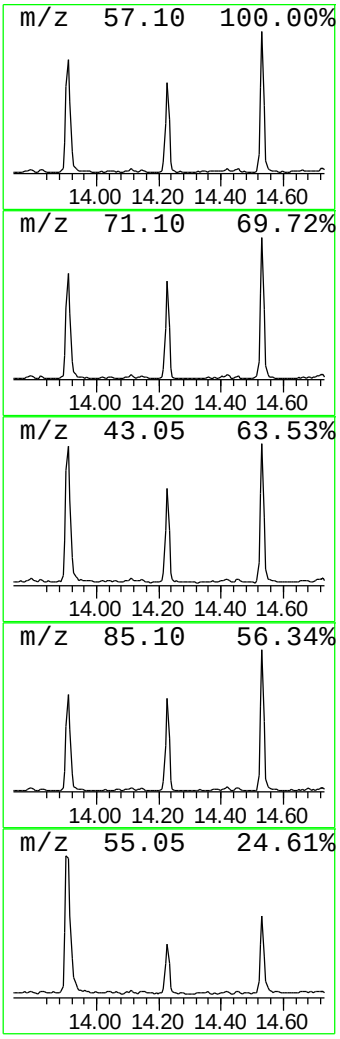
Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	6.49 ng	393226	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptadecane	240	C17H36	000629-78-7	94
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	90





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Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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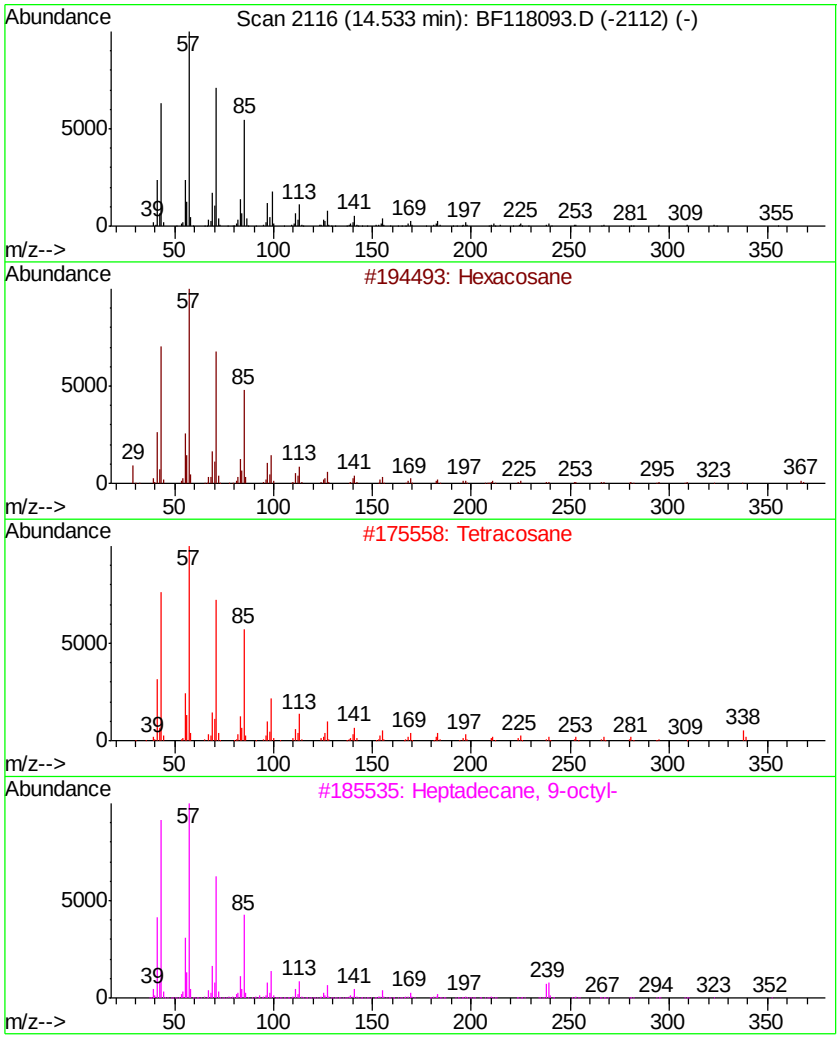
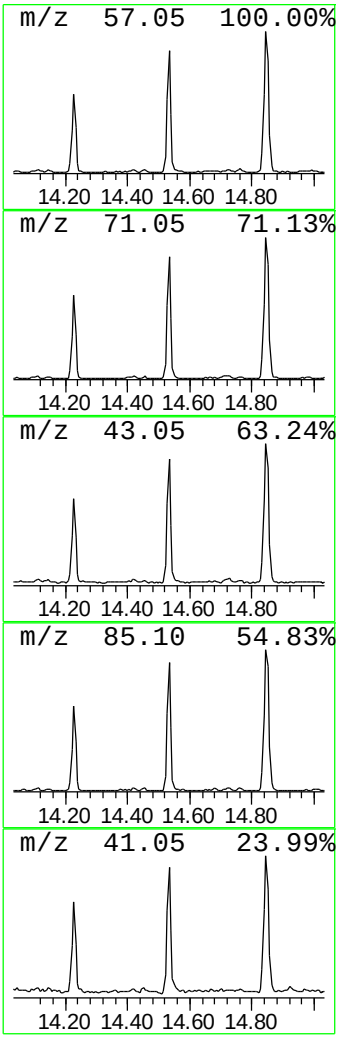
Peak Number 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	9.92 ng	600648	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Acq On : 4 Dec 2019 18:28
Operator : JU
Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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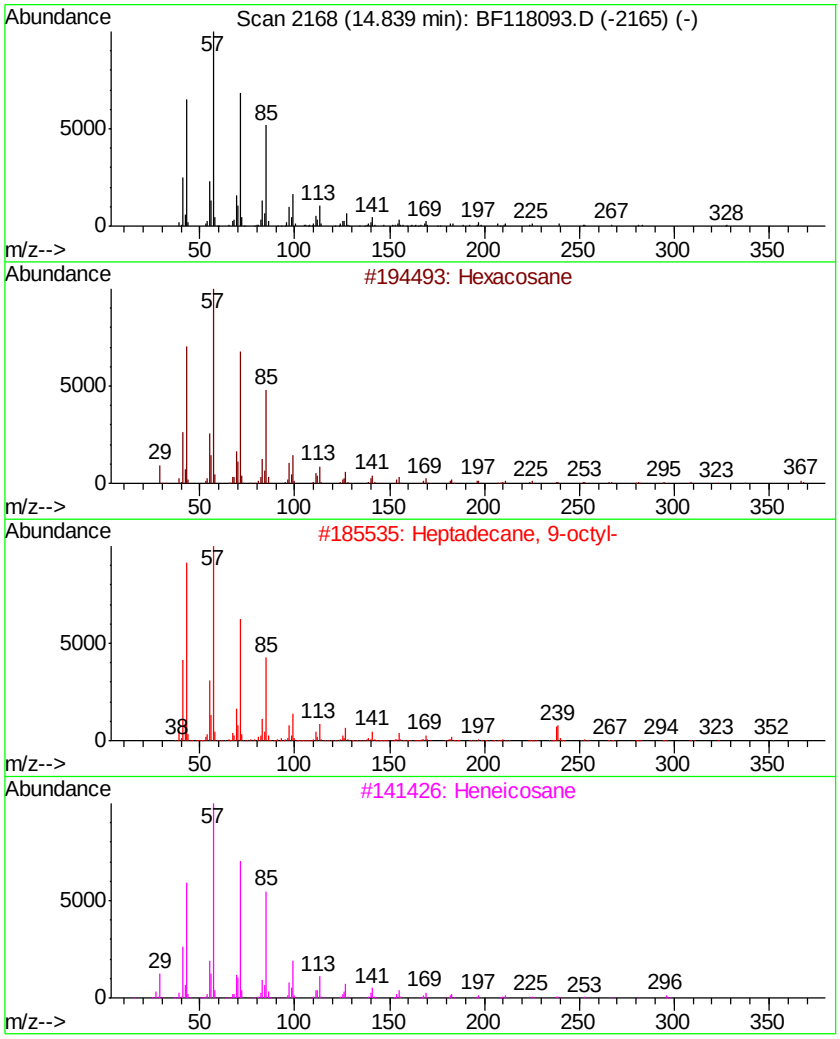
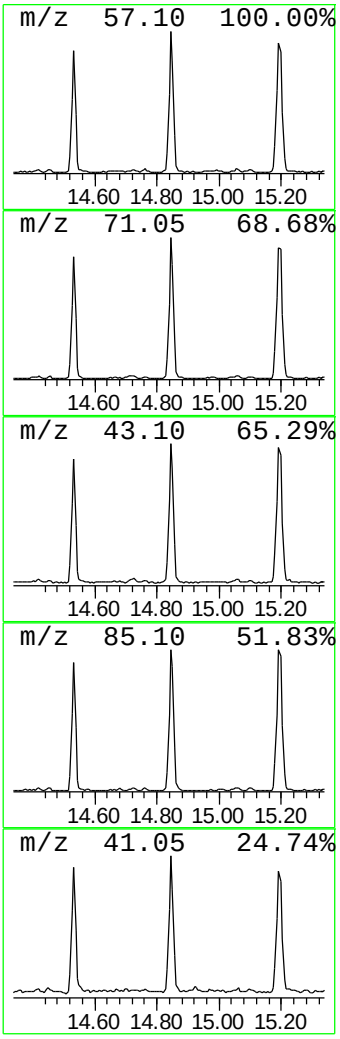
Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	16.48 ng	799888	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118093.D
Acq On : 4 Dec 2019 18:28
Operator : JU
Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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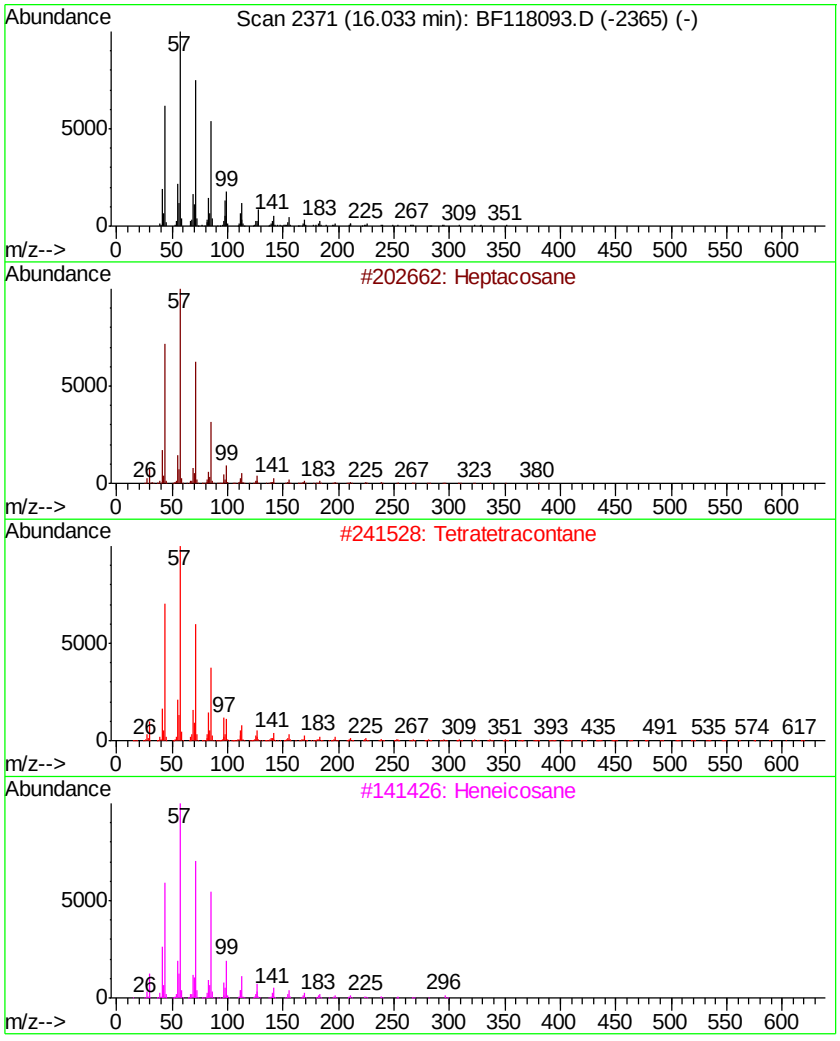
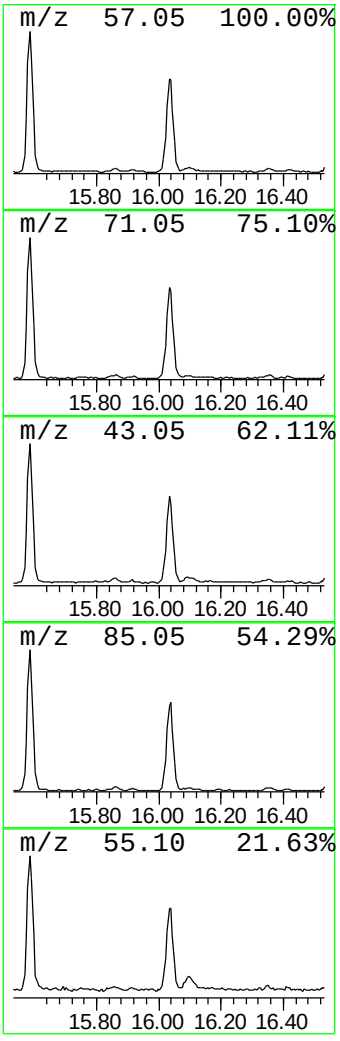
Peak Number 9 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	14.35 ng	696342	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Acq On : 4 Dec 2019 18:28
Operator : JU
Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

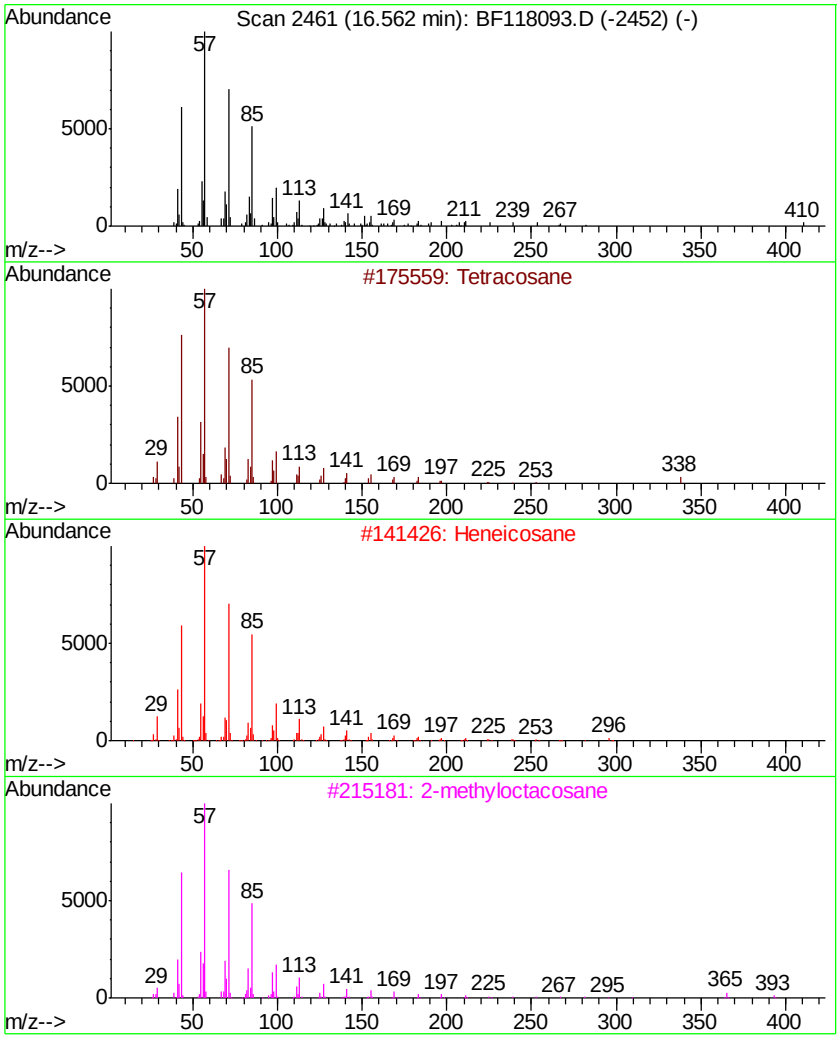
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

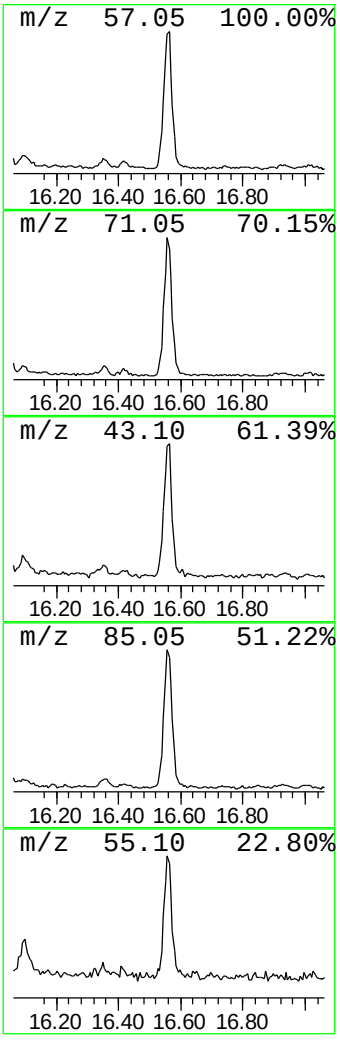
****

Peak Number 10 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	10.44 ng	506877	Perylene-d12	15.57

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	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Triacontane	422	C30H62	000638-68-6	91





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Data File : BF118093.D
Acq On : 4 Dec 2019 18:28
Operator : JU
Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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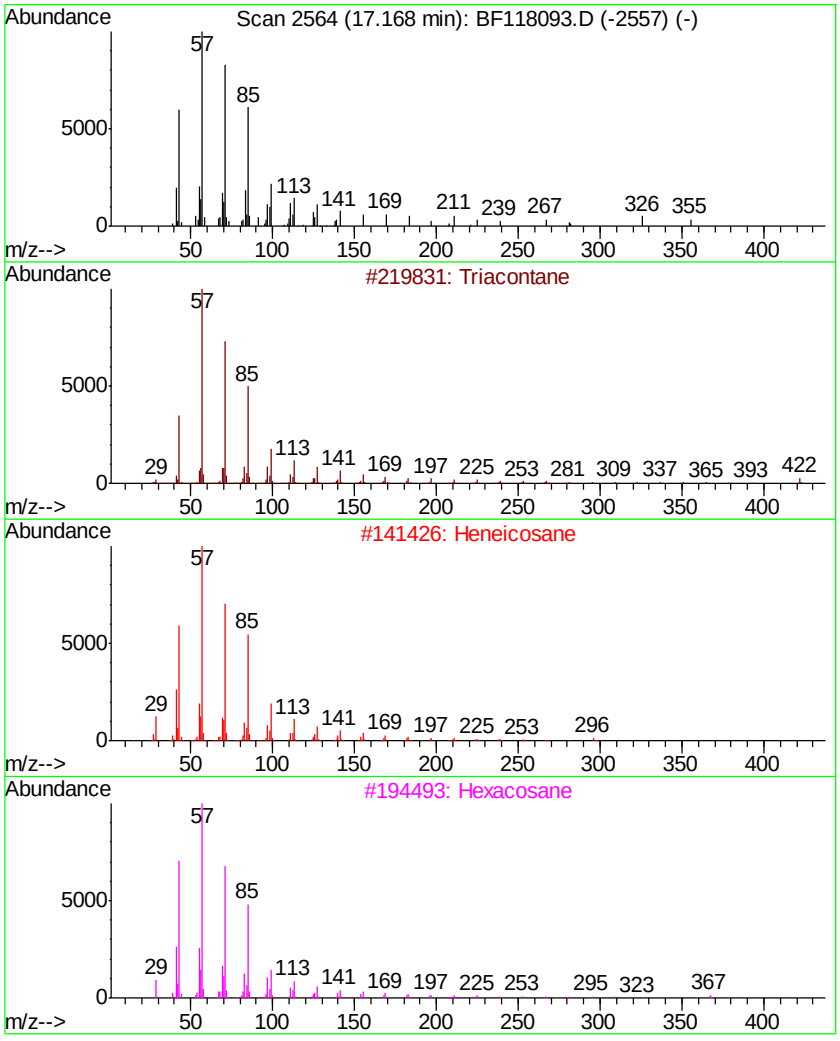
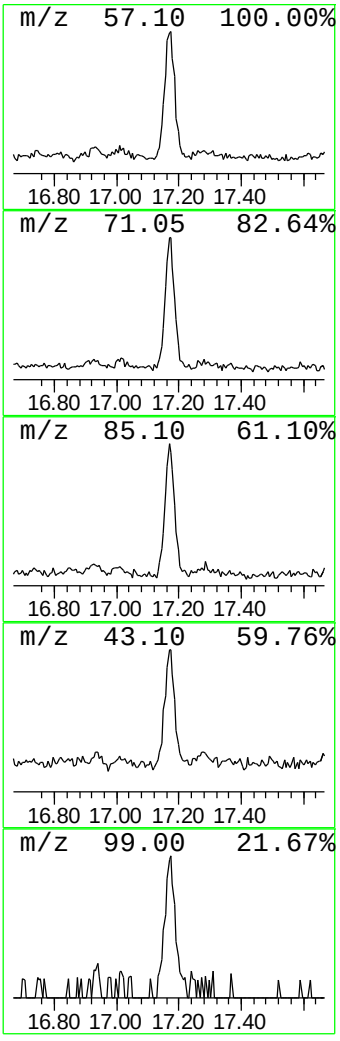
Peak Number 11 Triacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	3.31 ng	160615	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120419\
Data File : BF118093.D
Acq On : 4 Dec 2019 18:28
Operator : JU
Sample : K6024-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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
Butane, 2-methoxy...	2.16	120.6	ng	6267450	1	6.87	1039240	20.0
2-Pentanone, 4-hy...	5.09	7.8	ng	402567	1	6.87	1039240	20.0
9-Octadecenoic ac...	12.65	2.4	ng	192975	4	11.42	1622940	20.0
Octadecanoic acid	12.74	22.0	ng	1788060	4	11.42	1622940	20.0
Heneicosane	13.58	3.7	ng	226177	5	14.07	1211570	20.0
Eicosane	14.23	6.5	ng	393226	5	14.07	1211570	20.0
Hexacosane	14.53	9.9	ng	600648	5	14.07	1211570	20.0
Heptadecane, 9-oc...	14.84	16.5	ng	799888	6	15.57	970605	20.0
Heptacosane	16.03	14.4	ng	696342	6	15.57	970605	20.0
Tetracosane	16.56	10.4	ng	506877	6	15.57	970605	20.0
Triacontane	17.17	3.3	ng	160615	6	15.57	970605	20.0