LSC Area Percent Report

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115324.D
Acq On : 29 Jun 2019 15:47
Operator : HP/JU
Sample : K3601-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4651

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-BF062119.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	4.419	416	422	427	rBV	103482	121271	2.36%	0.265%
2	5.190	548	553	569	rBV	3362350	3310551	64.32%	7.222%
3	6.237	726	731	734	rBV	3365242	3451748	67.07%	7.530%
4	6.260	734	735	748	rVB	120448	113791	2.21%	0.248%
5	6.366	749	753	756	rBV	4061064	3604350	70.03%	7.863%
6	6.595	789	792	796	rBV	1316676	1033824	20.09%	2.255%
7	6.754	815	819	822	rBV	3572837	2931980	56.97%	6.396%
8	7.160	883	888	891	rBV	2590541	2203859	42.82%	4.808%
9	7.878	1006	1010	1014	rBV	1638453	1330927	25.86%	2.904%
10	8.954	1189	1193	1197	rBV	4847870	4425428	85.99%	9.654%
11	9.348	1257	1260	1267	rBV	816389	660982	12.84%	1.442%
12	9.625	1303	1307	1321	rVB	1929141	1622248	31.52%	3.539%
13	10.407	1435	1440	1443	rBV	3306292	2916424	56.67%	6.362%
14	11.095	1553	1557	1560	rBV	2202354	1868948	36.31%	4.077%
15	11.119	1560	1561	1564	rVV	228739	121185	2.35%	0.264%
16	11.172	1564	1570	1574	rVB3	40530	60889	1.18%	0.133%
17	11.648	1648	1651	1658	rVB	621640	528801	10.27%	1.154%
18	11.701	1658	1660	1663	rBV	65093	59489	1.16%	0.130%
19	11.907	1694	1695	1703	rVB2	56327	54780	1.06%	0.120%
20	12.142	1732	1735	1738	rBV	66195	63856	1.24%	0.139%
21	12.219	1746	1748	1754	rVB3	39840	53844	1.05%	0.117%
22	12.295	1758	1761	1766	rVV	557019	461274	8.96%	1.006%
23	12.424	1780	1783	1792	rBV3	234214	293252	5.70%	0.640%
24	12.519	1795	1799	1802	rVV	531283	522267	10.15%	1.139%
25	12.577	1806	1809	1814	rVB3	37485	68196	1.33%	0.149%
26	12.683	1822	1827	1830	rBV	4993793	5146670	100.00%	11.228%
27	12.854	1853	1856	1859	rVB	75574	79080	1.54%	0.173%
28	12.954	1870	1873	1876	rBV	71148	54829	1.07%	0.120%
29	13.354	1938	1941	1945	rVB	65679	77833	1.51%	0.170%
30	13.460	1955	1959	1963	rBV2	70326	107595	2.09%	0.235%
31	13.613	1980	1985	1986	rBV4	51882	73259	1.42%	0.160%
32	13.654	1986	1992	1997	rVV5	108397	331745	6.45%	0.724%
33	13.713	1997	2002	2009	rVB3	2116279	2756721	53.56%	6.014%
34	13.919	2035	2037	2042	rBV4	47734	72822	1.41%	0.159%

LSC Area Percent Report

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115324.D
Acq On : 29 Jun 2019 15:47
Operator : HP/JU
Sample : K3601-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4651

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.030	2053	2056	2059	rVB3	89624	91541	1.78%	0.200%
36	14.066	2059	2062	2063	rBV2	76998	71243	1.38%	0.155%
37	14.218	2085	2088	2093	rBV2	185732	213266	4.14%	0.465%
38	14.377	2111	2115	2122	rBV2	254858	457358	8.89%	0.998%
39	14.513	2135	2138	2141	rBV2	95170	91437	1.78%	0.199%
40	14.636	2156	2159	2166	rVB2	174875	190092	3.69%	0.415%
41	14.701	2166	2170	2179	rBV	330209	593263	11.53%	1.294%
42	14.813	2184	2189	2192	rBV3	180177	244929	4.76%	0.534%
43	14.966	2212	2215	2220	rVB	227915	267073	5.19%	0.583%
44	15.018	2220	2224	2229	rVB	258302	293167	5.70%	0.640%
45	15.077	2229	2234	2238	rBV	1542408	1744004	33.89%	3.805%
46	15.142	2243	2245	2254	rVB	107028	145945	2.84%	0.318%
47	15.318	2272	2275	2279	rVB2	83028	98220	1.91%	0.214%
48	15.524	2306	2310	2314	rBV	172166	214292	4.16%	0.467%
49	15.960	2381	2384	2388	rBV3	62759	88742	1.72%	0.194%
50	16.207	2423	2426	2433	rVB3	90645	133615	2.60%	0.291%
51	16.336	2444	2448	2455	rVB2	100406	169948	3.30%	0.371%
52	16.665	2500	2504	2508	rVB3	98265	145464	2.83%	0.317%

Sum of corrected areas: 45838317

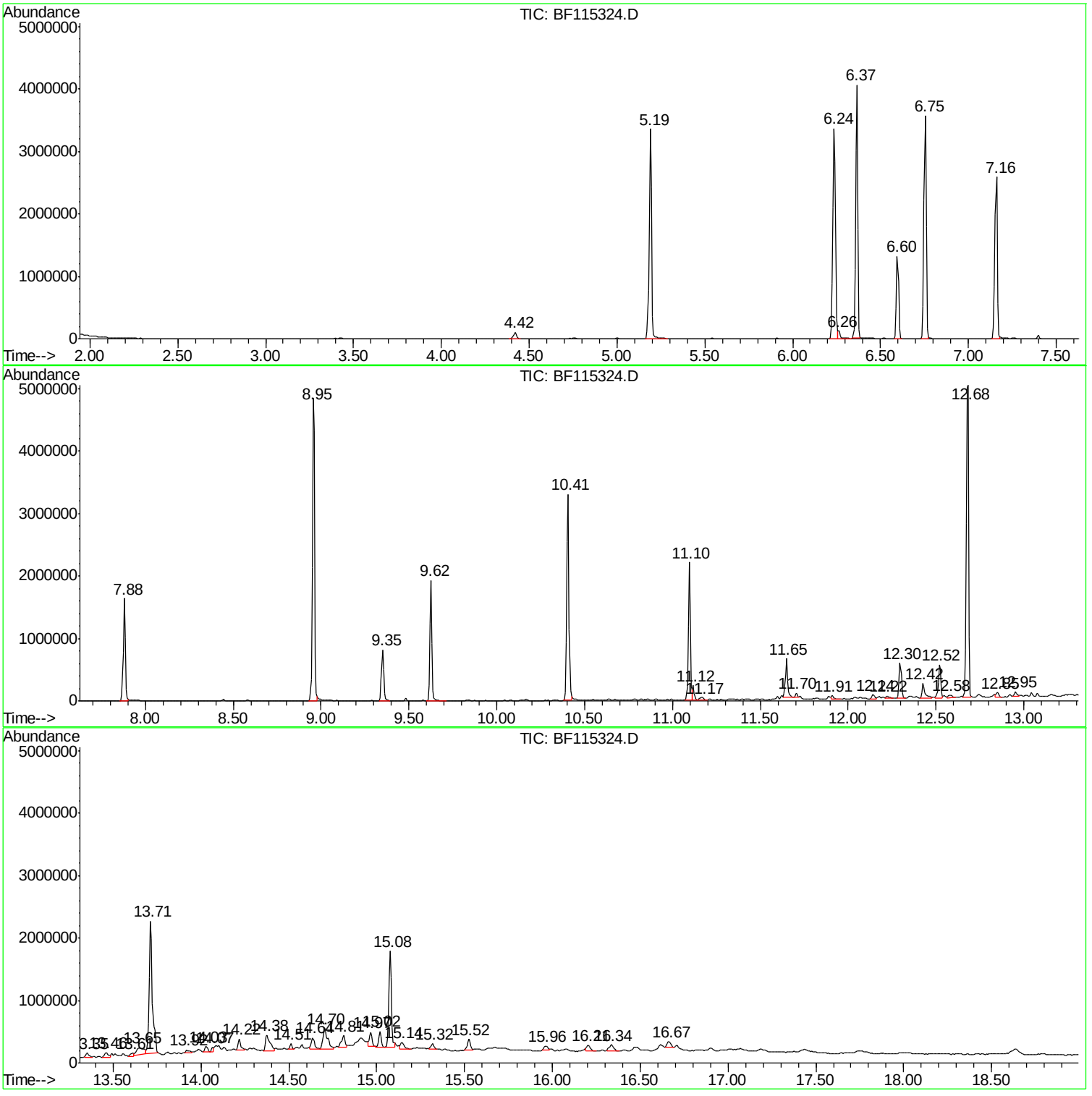
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115324.D
Acq On : 29 Jun 2019 15:47
Operator : HP/JU
Sample : K3601-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115324.D
Acq On : 29 Jun 2019 15:47
Operator : HP/JU
Sample : K3601-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

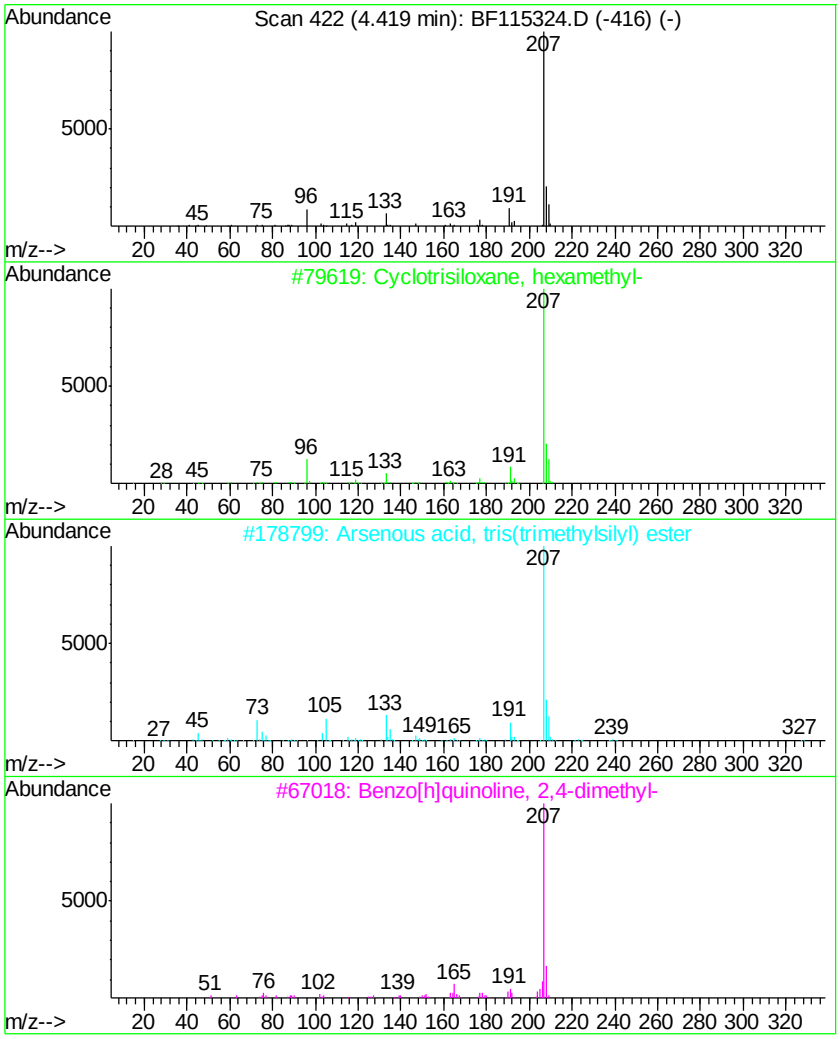
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

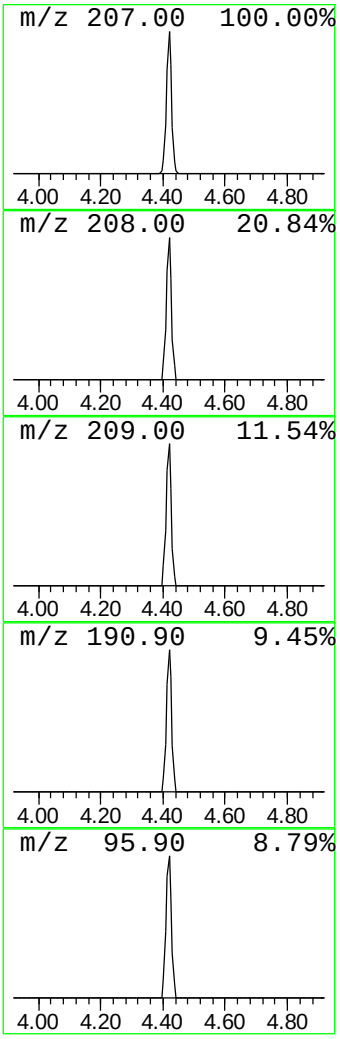
****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	2.35 ng	121271	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
3	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39
5	2-Ethylacridine	207	C15H13N	055751-83-2	9





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115324.D
Acq On : 29 Jun 2019 15:47
Operator : HP/JU
Sample : K3601-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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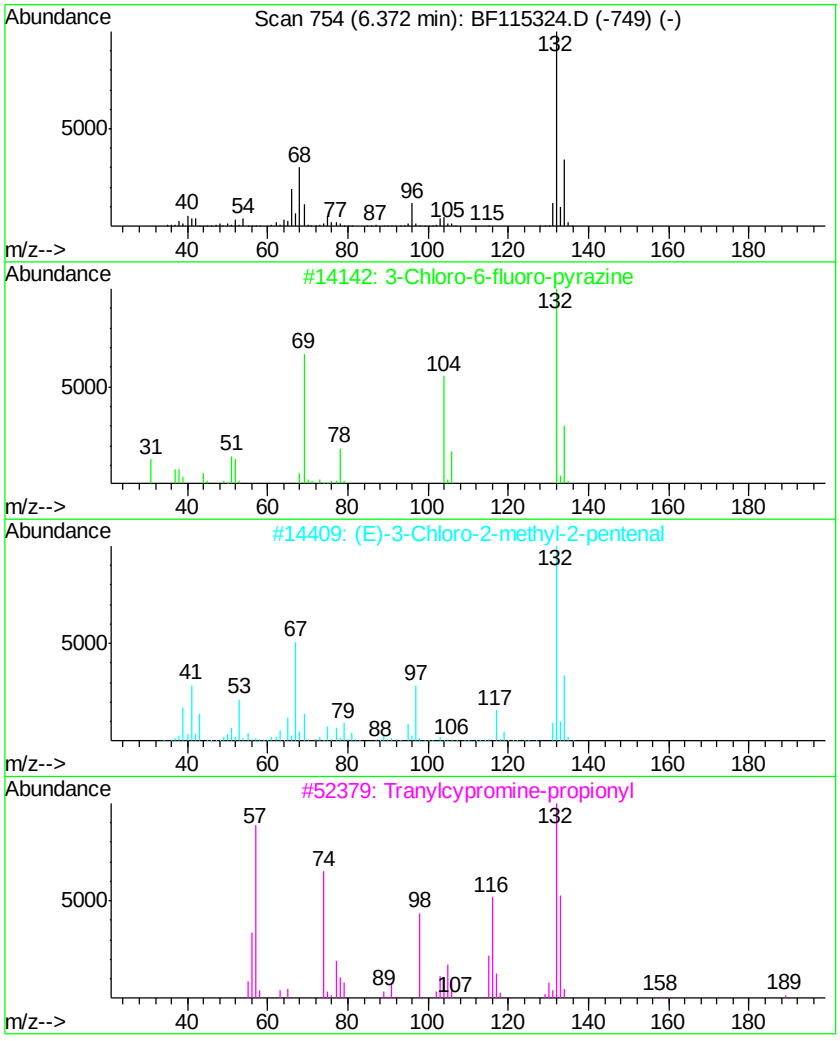
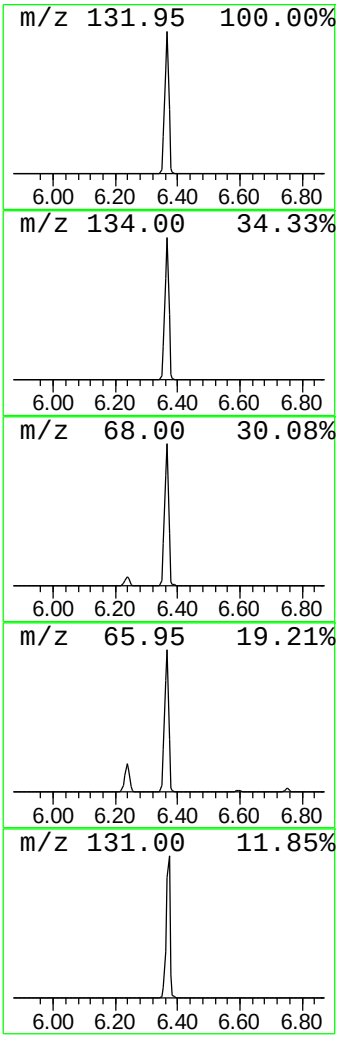
Peak Number 2 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	69.73 ng	3604350	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Data File : BF115324.D
Acq On : 29 Jun 2019 15:47
Operator : HP/JU
Sample : K3601-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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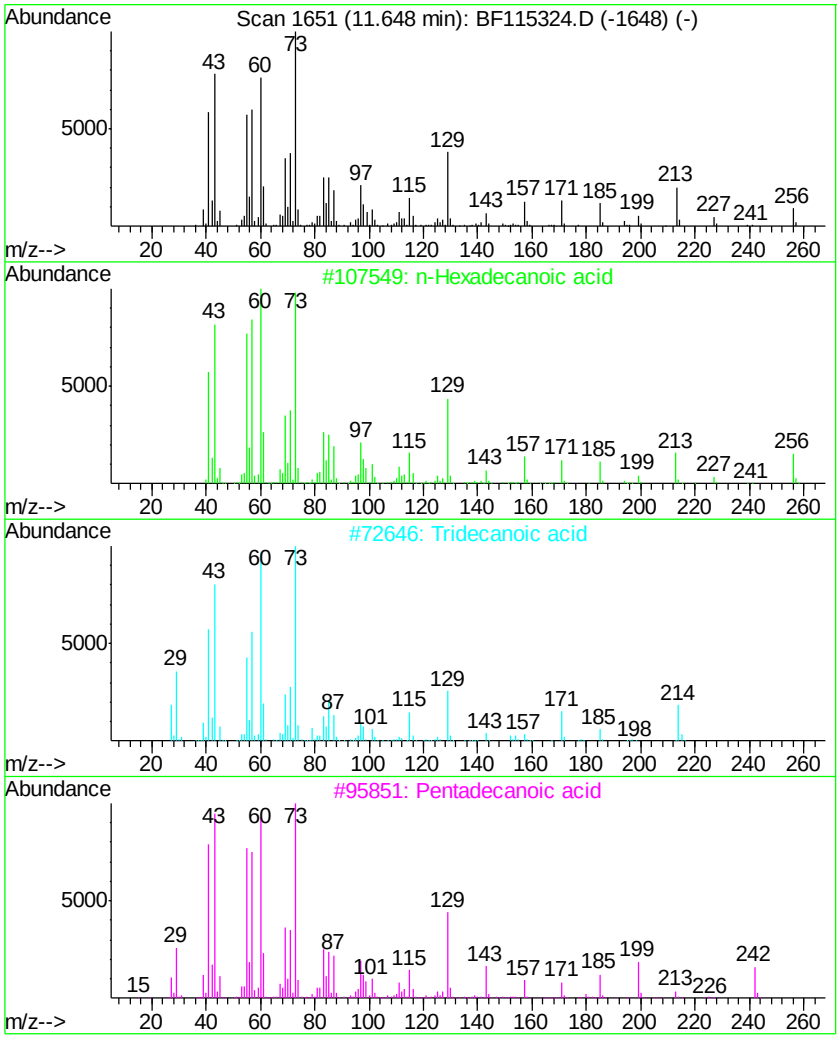
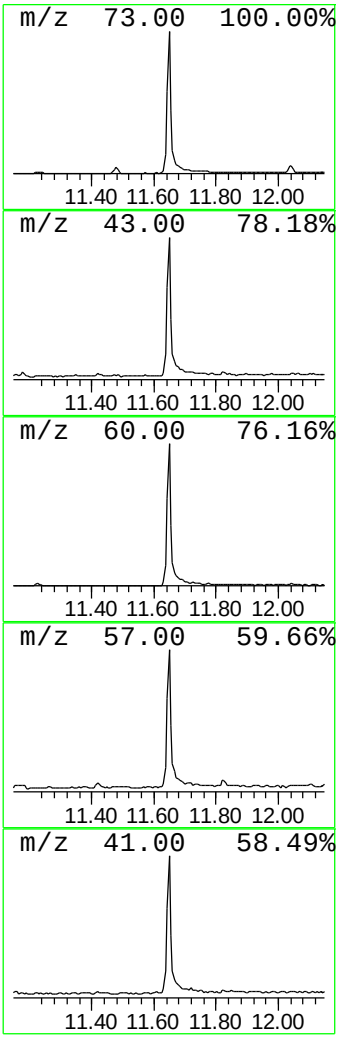
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	5.66 ng	528801	Phenanthrene-d10	11.10

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	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	62





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115324.D
Acq On : 29 Jun 2019 15:47
Operator : HP/JU
Sample : K3601-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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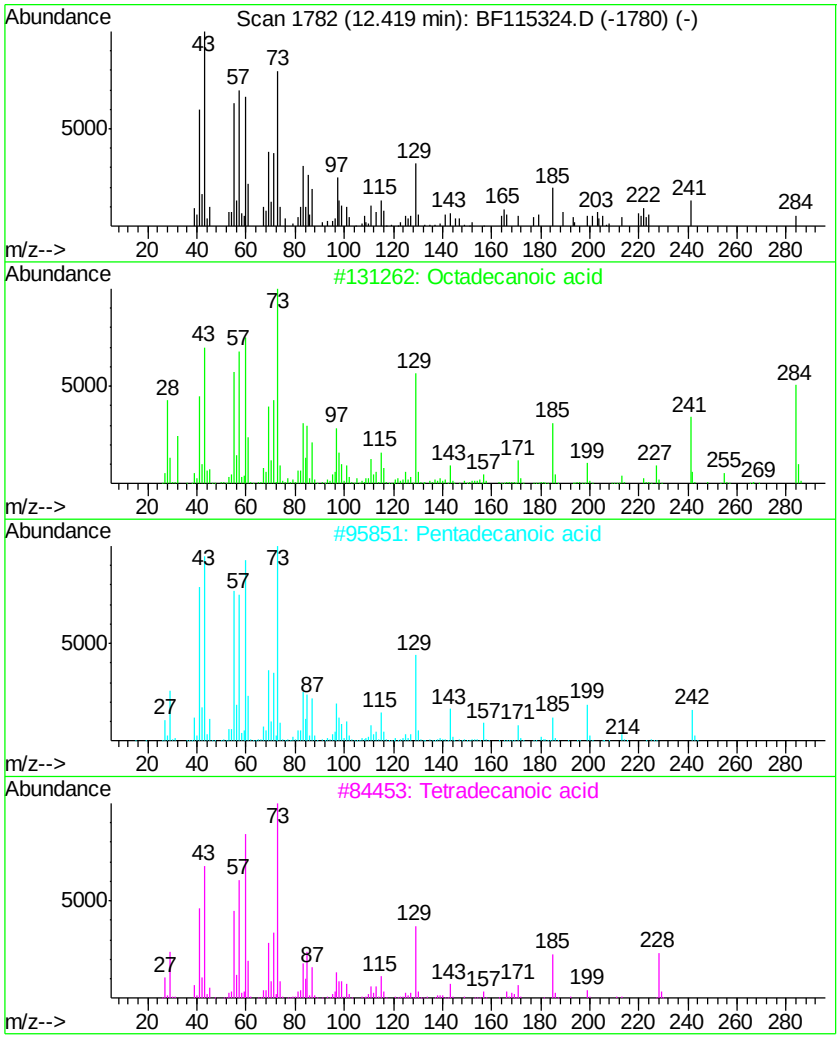
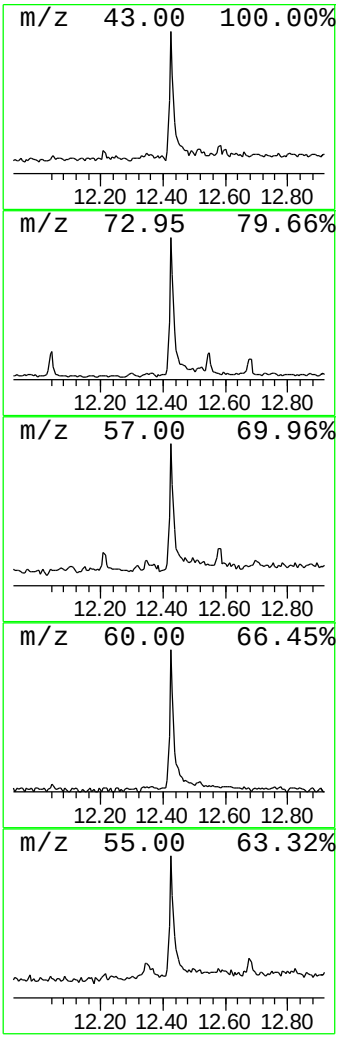
Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.13 ng	293252	Chrysene-d12	13.71

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115324.D
Acq On : 29 Jun 2019 15:47
Operator : HP/JU
Sample : K3601-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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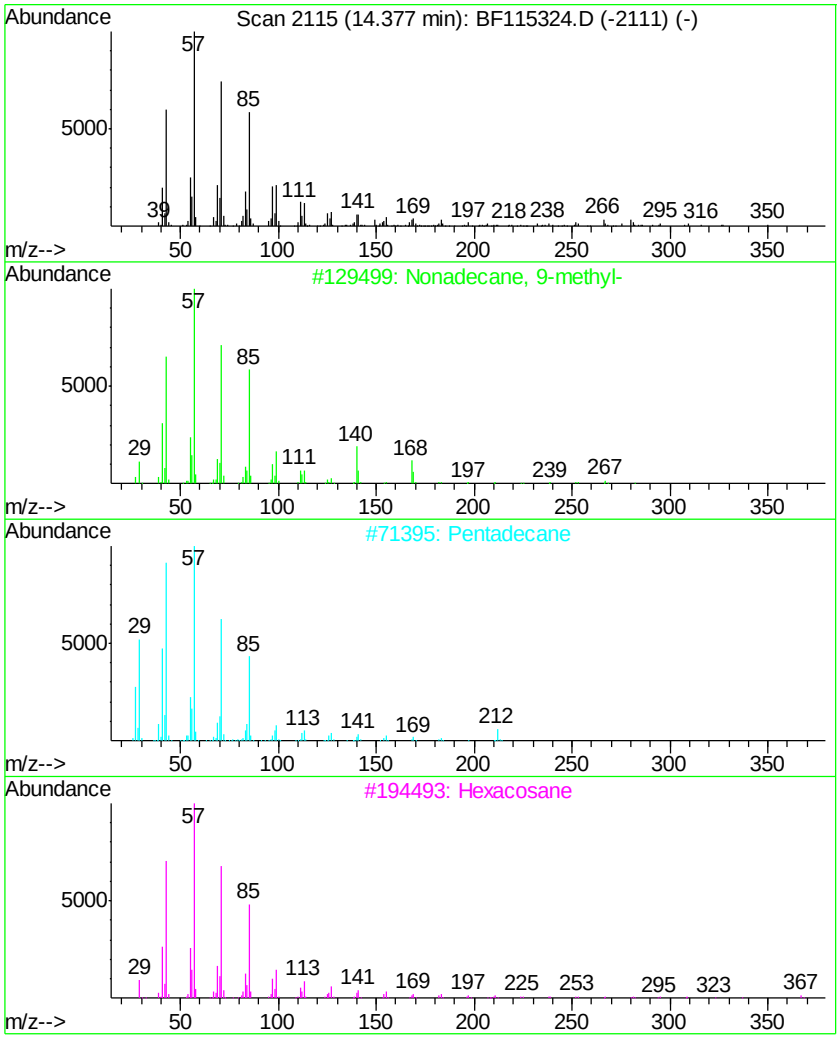
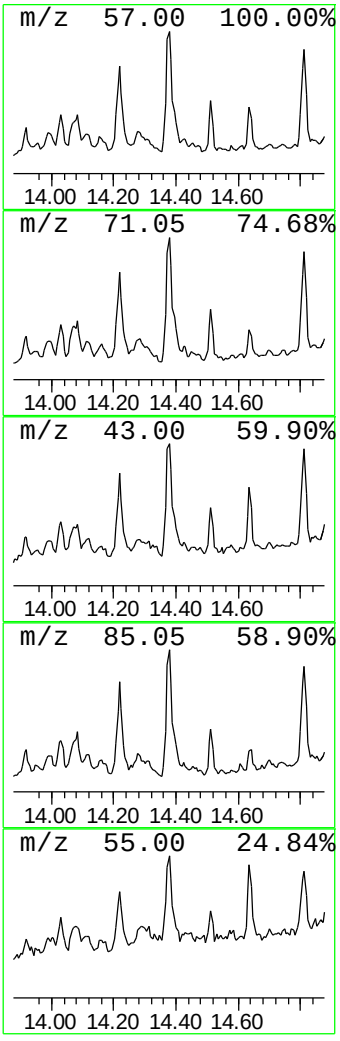
Peak Number 6 Nonadecane, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	3.32 ng	457358	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Pentadecane	212	C15H32	000629-62-9	93
3	Hexacosane	366	C26H54	000630-01-3	87
4	Eicosane	282	C20H42	000112-95-8	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115324.D
Acq On : 29 Jun 2019 15:47
Operator : HP/JU
Sample : K3601-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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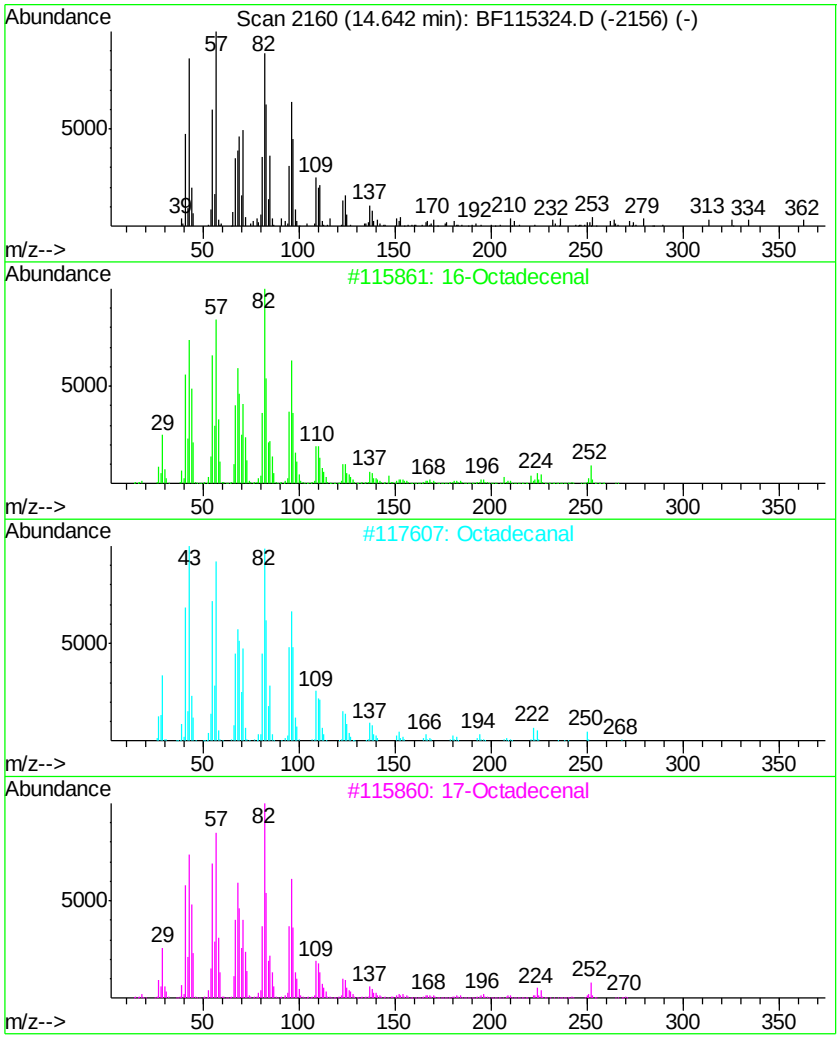
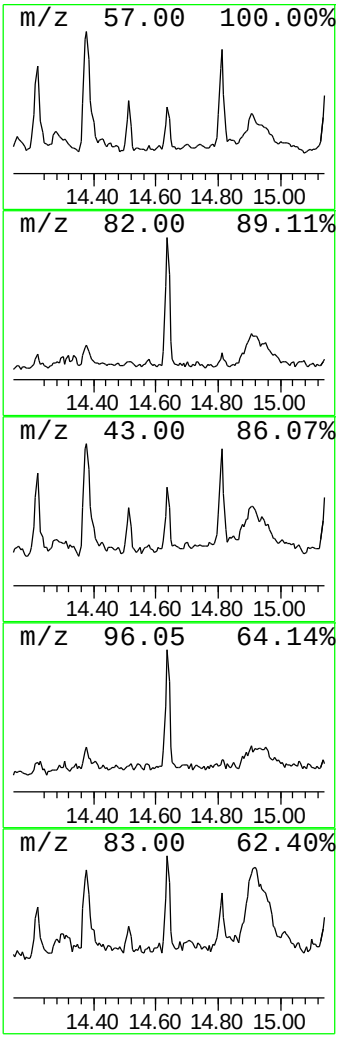
Peak Number 7 16-Octadecenal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.18 ng	190092	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenal	266	C18H34O	056554-87-1	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	17-Octadecenal	266	C18H34O	056554-86-0	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	13-Octadecenal	266	C18H34O	056554-90-6	89





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115324.D
Acq On : 29 Jun 2019 15:47
Operator : HP/JU
Sample : K3601-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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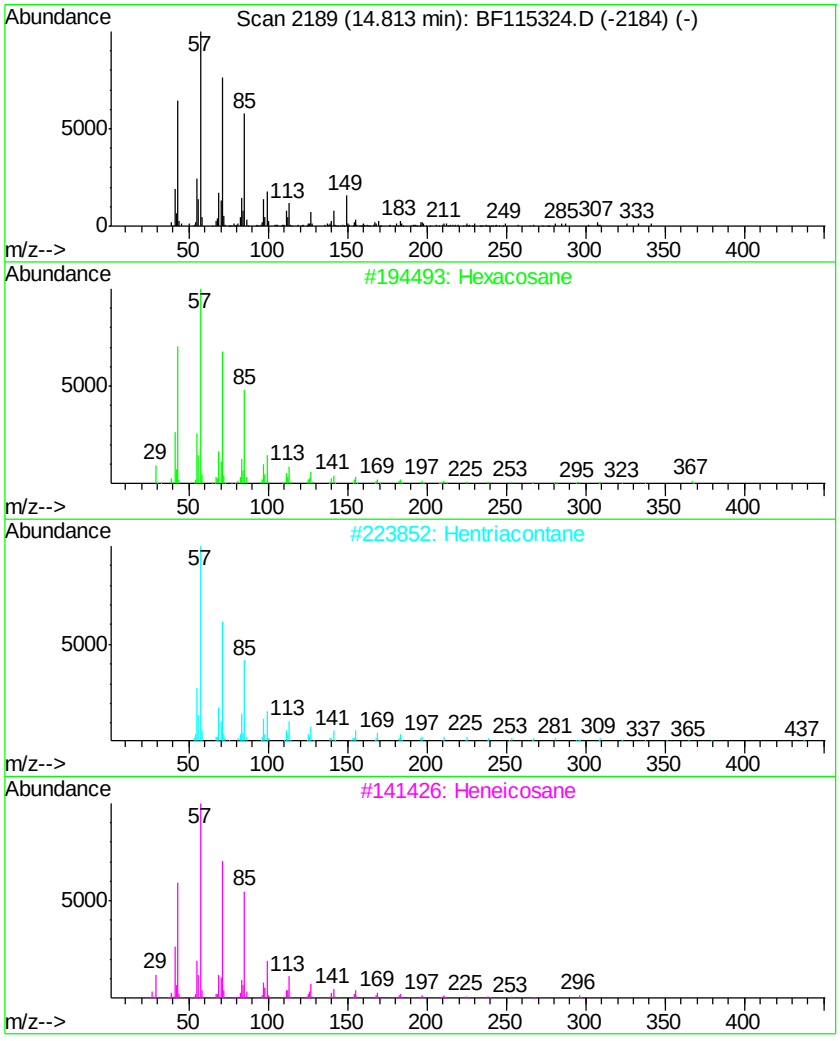
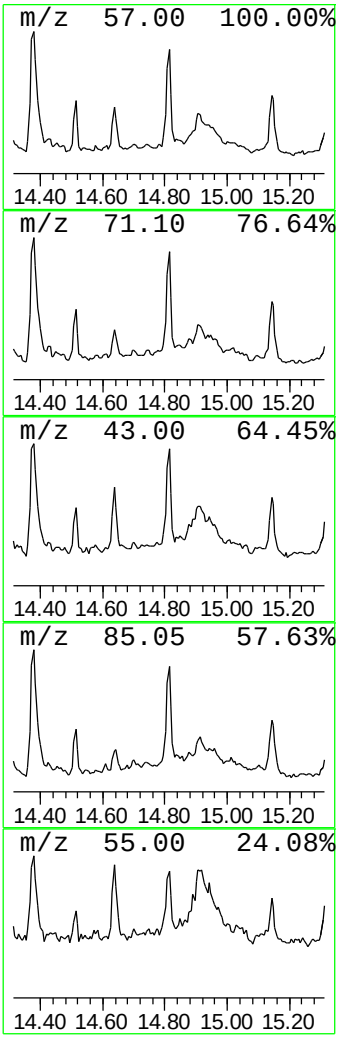
Peak Number 8 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.81 ng	244929	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115324.D
Acq On : 29 Jun 2019 15:47
Operator : HP/JU
Sample : K3601-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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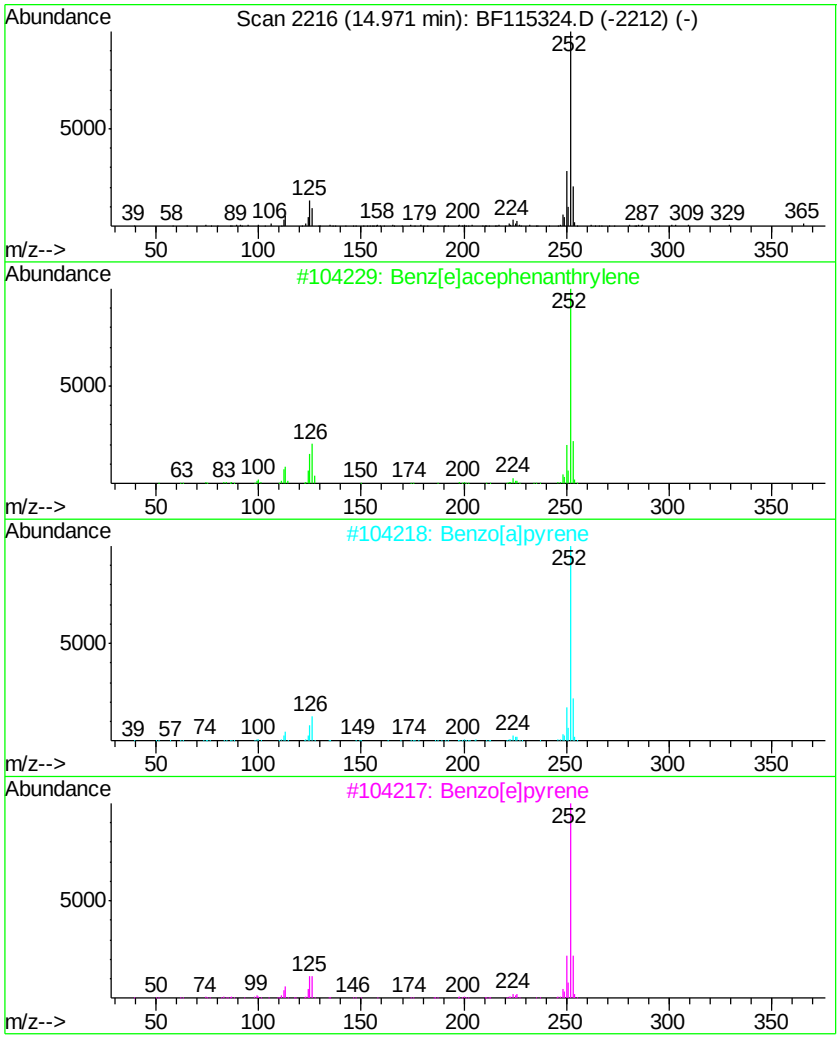
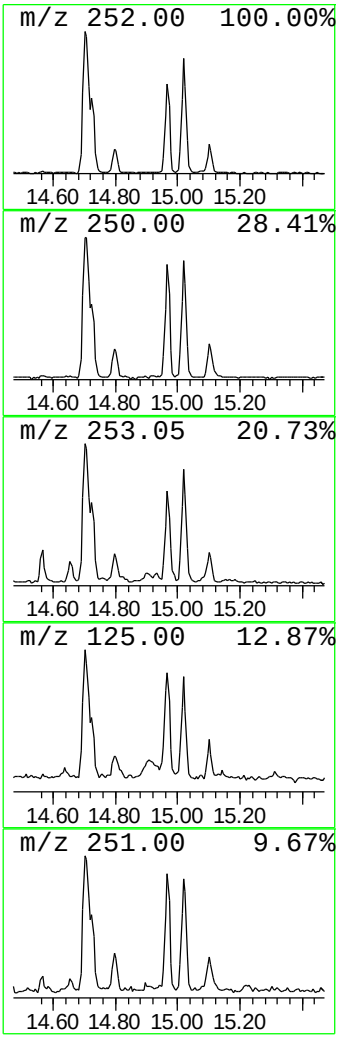
Peak Number 9 Benz[e]acephenanthrylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	3.06 ng	267073	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115324.D
Acq On : 29 Jun 2019 15:47
Operator : HP/JU
Sample : K3601-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

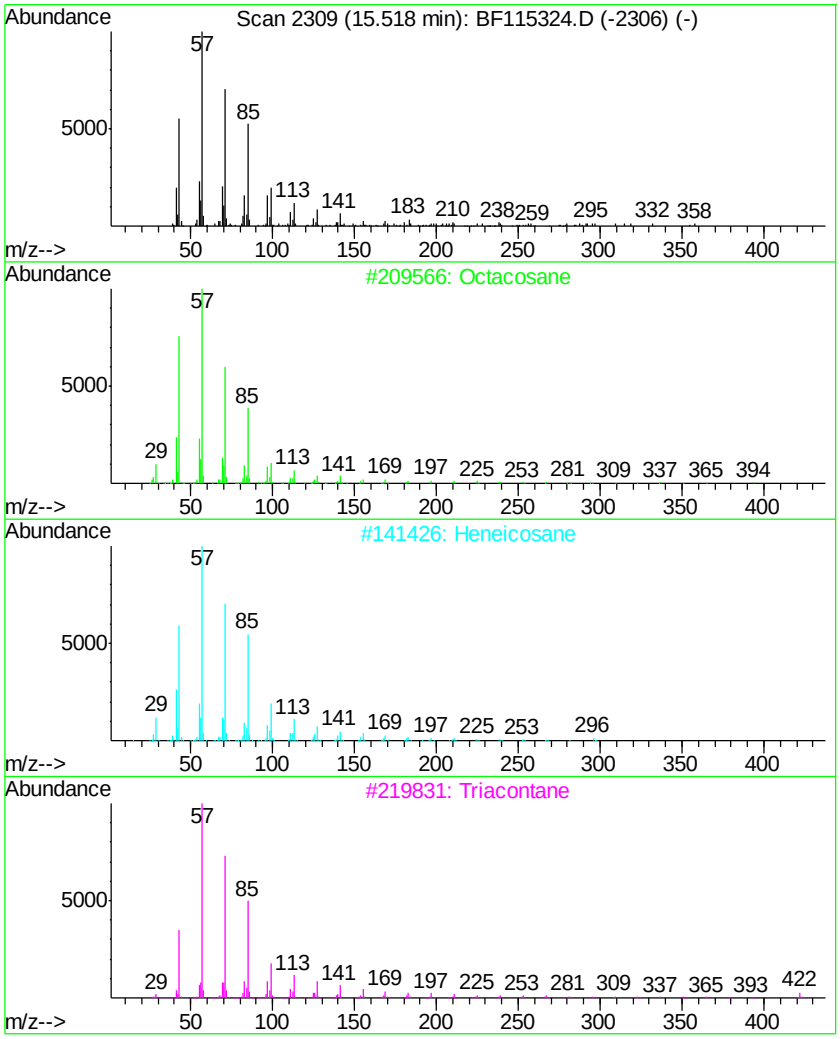
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

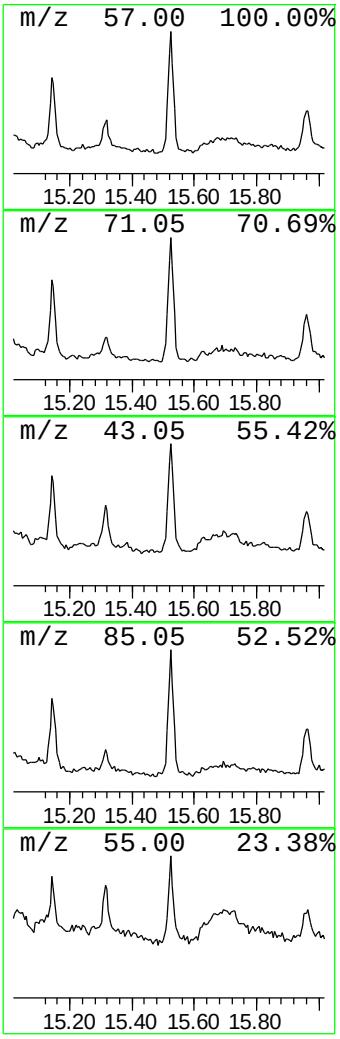
****

Peak Number 10 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	2.46 ng	214292	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Triacontane	422	C30H62	000638-68-6	87
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	87
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115324.D
Acq On : 29 Jun 2019 15:47
Operator : HP/JU
Sample : K3601-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
Cyclotrisiloxane,...	4.42	2.4	ng	121271	1	6.60	1033820	20.0
unknown6.37	6.37	69.7	ng	3604350	1	6.60	1033820	20.0
n-Hexadecanoic acid	11.65	5.7	ng	528801	4	11.10	1868950	20.0
Octadecanoic acid	12.42	2.1	ng	293252	5	13.71	2756720	20.0
Nonadecane, 9-met...	14.38	3.3	ng	457358	5	13.71	2756720	20.0
16-Octadecenal	14.64	2.2	ng	190092	6	15.08	1744000	20.0
Hexacosane	14.81	2.8	ng	244929	6	15.08	1744000	20.0
Benz[e]acephenant...	14.97	3.1	ng	267073	6	15.08	1744000	20.0
Octacosane	15.52	2.5	ng	214292	6	15.08	1744000	20.0