LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093019\
Data File : BF117274.D
Acq On : 30 Sep 2019 21:21
Operator : JU
Sample : K4668-16 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-092619

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-BF091319.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	5.434	566	569	584	rBV	172658	230484	7.97%	1.919%
2	6.451	739	742	755	rBV	184348	251071	8.68%	2.090%
3	6.581	761	764	777	rVB	281473	269119	9.30%	2.240%
4	6.810	800	803	817	rVB	164882	142676	4.93%	1.188%
5	6.963	826	829	843	rBV	220756	212498	7.35%	1.769%
6	7.375	895	899	910	rBV	94342	137317	4.75%	1.143%
7	8.092	1017	1021	1031	rBV	152390	162245	5.61%	1.351%
8	9.163	1199	1203	1214	rBV	281997	262125	9.06%	2.182%
9	9.839	1315	1318	1323	rBV	180105	167456	5.79%	1.394%
10	10.633	1450	1453	1460	rBV	118818	115677	4.00%	0.963%
11	10.739	1468	1471	1477	rBV2	31351	42712	1.48%	0.356%
12	11.328	1568	1571	1573	rBV	176455	157797	5.46%	1.314%
13	11.351	1573	1575	1582	rVB	90990	83483	2.89%	0.695%
14	11.716	1633	1637	1640	rBV	900991	681248	23.55%	5.671%
15	11.857	1658	1661	1667	rVB2	35637	43321	1.50%	0.361%
16	11.939	1672	1675	1678	rBV	30928	34625	1.20%	0.288%
17	12.404	1750	1754	1756	rBV	2031937	2084260	72.06%	17.349%
18	12.433	1756	1759	1764	rVB	3049400	2892335	100.00%	24.076%
19	12.475	1764	1766	1768	rVB	46731	38094	1.32%	0.317%
20	12.504	1768	1771	1774	rBV	324459	274535	9.49%	2.285%
21	12.545	1774	1778	1783	rBV	308165	346967	12.00%	2.888%
22	12.739	1808	1811	1812	rBV	41494	35966	1.24%	0.299%
23	12.769	1813	1816	1823	rVB	277210	328379	11.35%	2.733%
24	12.910	1833	1840	1843	rBV	326344	317170	10.97%	2.640%
25	12.992	1849	1854	1857	rBV3	31219	54803	1.89%	0.456%
26	13.063	1864	1866	1868	rBV2	49158	55051	1.90%	0.458%
27	13.098	1870	1872	1876	rVV2	59634	67761	2.34%	0.564%
28	13.151	1876	1881	1887	rVV3	78248	126488	4.37%	1.053%
29	13.204	1887	1890	1892	rVV2	41545	44326	1.53%	0.369%
30	13.227	1892	1894	1898	rVB	64316	56013	1.94%	0.466%
31	13.327	1909	1911	1919	rBV5	30072	48084	1.66%	0.400%
32	13.610	1956	1959	1963	rBV	30793	30954	1.07%	0.258%
33	13.657	1963	1967	1972	rVB7	19709	33031	1.14%	0.275%
34	13.721	1974	1978	1980	rBV	37831	39908	1.38%	0.332%

LSC Area Percent Report

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Data File : BF117274.D
Acq On : 30 Sep 2019 21:21
Operator : JU
Sample : K4668-16 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-092619

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-BF091319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.769	1984	1986	1990	rBV2	21819	31049	1.07%	0.258%
36	13.821	1993	1995	1999	rVB	29814	31998	1.11%	0.266%
37	13.898	2004	2008	2012	rBV2	62769	65059	2.25%	0.542%
38	13.969	2015	2020	2023	rVV2	309479	475401	16.44%	3.957%
39	13.998	2023	2025	2033	rVB	161210	161549	5.59%	1.345%
40	14.121	2043	2046	2052	rBV3	45154	51895	1.79%	0.432%
41	14.357	2083	2086	2089	rVB	37167	33159	1.15%	0.276%
42	14.427	2095	2098	2101	rBV4	46841	63810	2.21%	0.531%
43	14.516	2110	2113	2115	rVB3	34412	33961	1.17%	0.283%
44	14.845	2165	2169	2176	rVB3	70830	110877	3.83%	0.923%
45	15.004	2192	2196	2203	rBV	152521	306578	10.60%	2.552%
46	15.116	2212	2215	2219	rBV	31009	36405	1.26%	0.303%
47	15.304	2243	2247	2252	rVB	77610	95181	3.29%	0.792%
48	15.368	2253	2258	2263	rBV	115347	157878	5.46%	1.314%
49	15.427	2263	2268	2271	rBV	159195	186970	6.46%	1.556%
50	16.086	2377	2380	2387	rVB8	27550	47438	1.64%	0.395%
51	16.510	2447	2452	2459	rBV9	24984	50239	1.74%	0.418%
52	16.880	2509	2515	2524	rBV4	47947	111324	3.85%	0.927%
53	17.321	2584	2590	2599	rVB2	27770	61984	2.14%	0.516%
54	17.568	2629	2632	2638	rVB9	15551	32728	1.13%	0.272%

Sum of corrected areas: 12013462

LSC Report - Integrated Chromatogram

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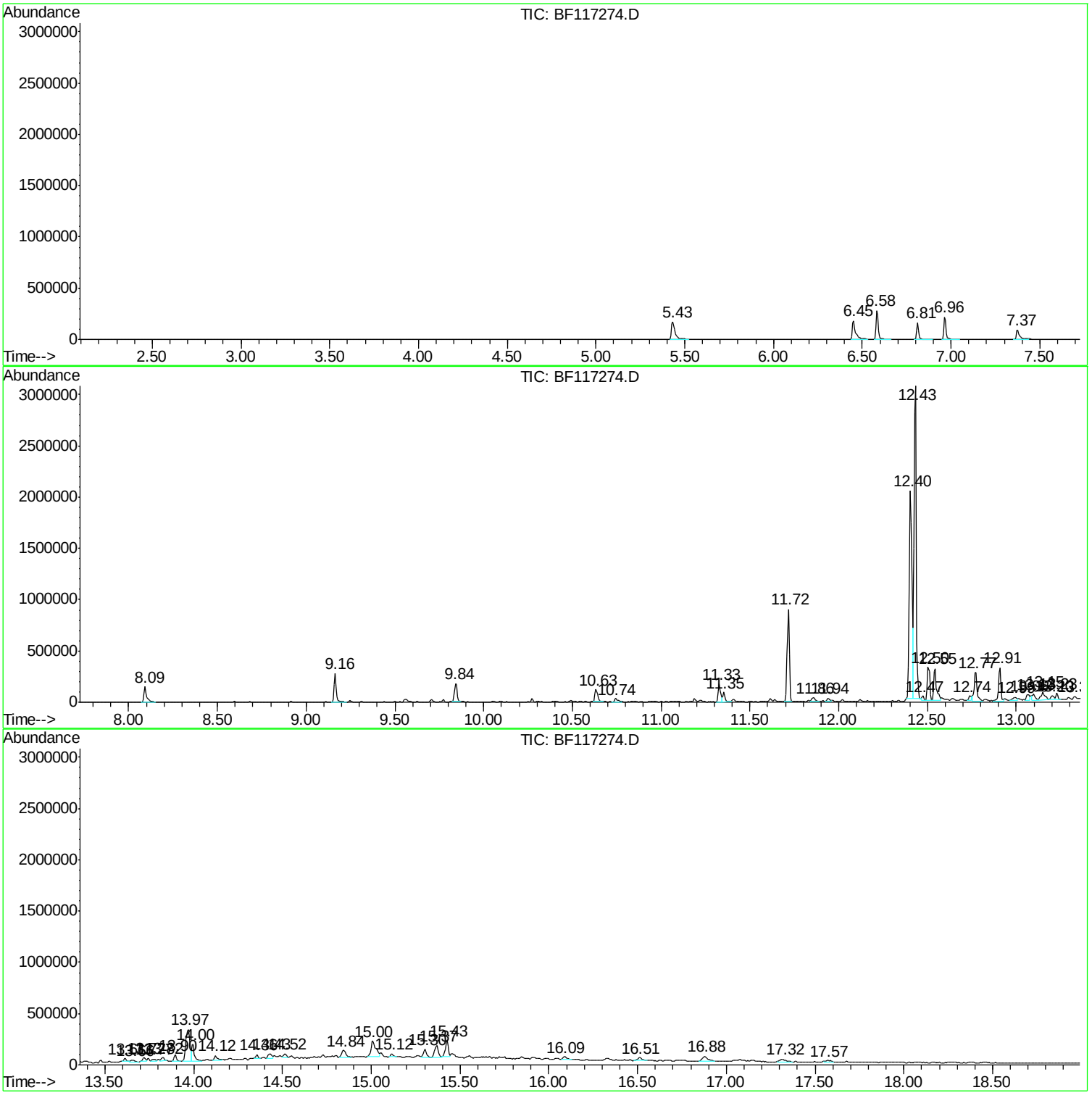
Data File : BF117274.D
Acq On : 30 Sep 2019 21:21
Operator : JU
Sample : K4668-16 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-092619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093019\
Data File : BF117274.D
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Operator : JU
Sample : K4668-16 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-092619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
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TIC Library : C:\DATABASE\NIST11.L
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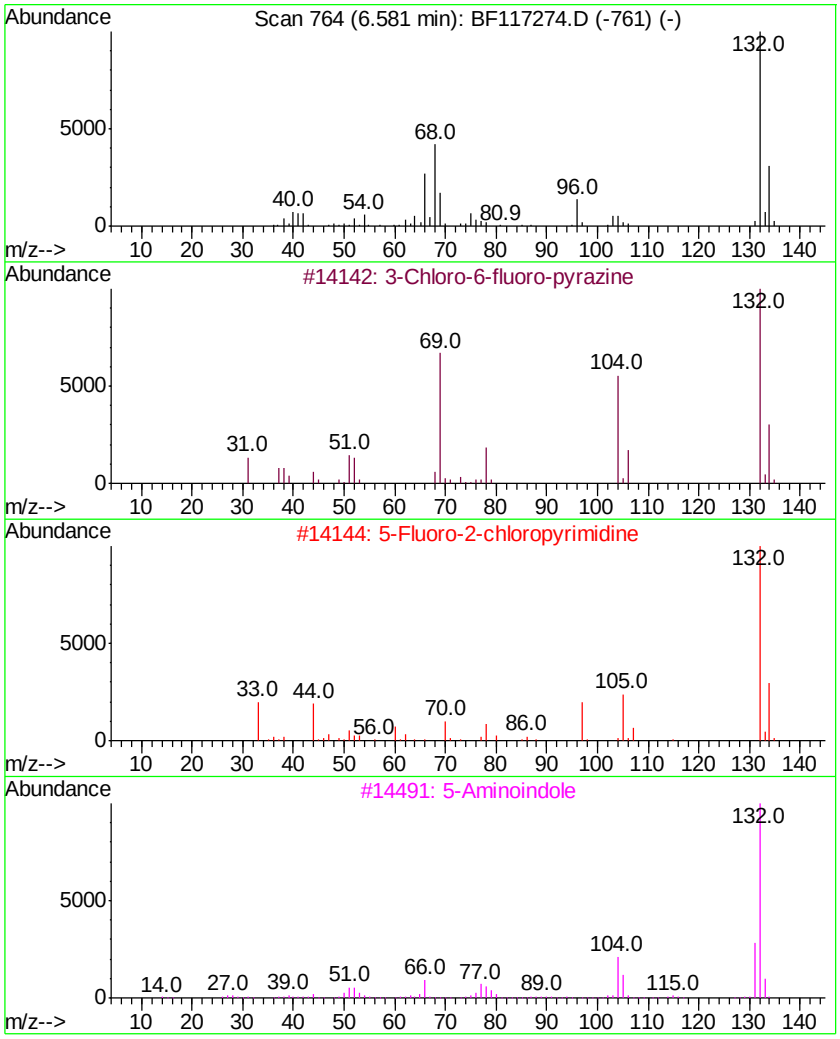
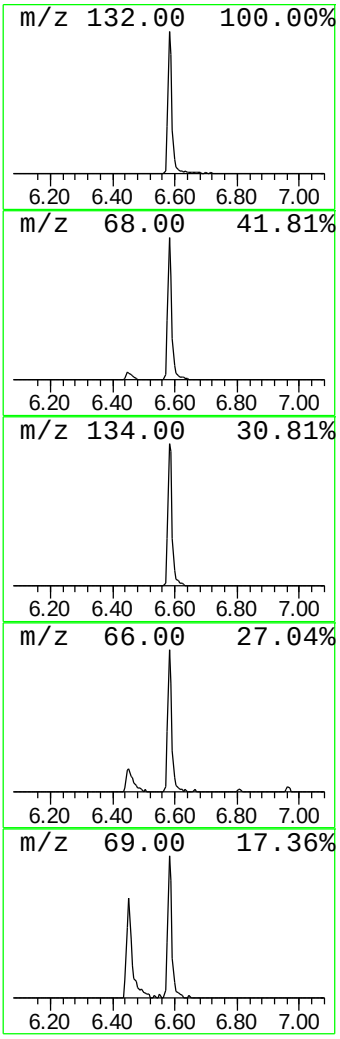
Peak Number 1 unknown6.58 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	37.72 ng	269119	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Acq On : 30 Sep 2019 21:21
Operator : JU
Sample : K4668-16 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-092619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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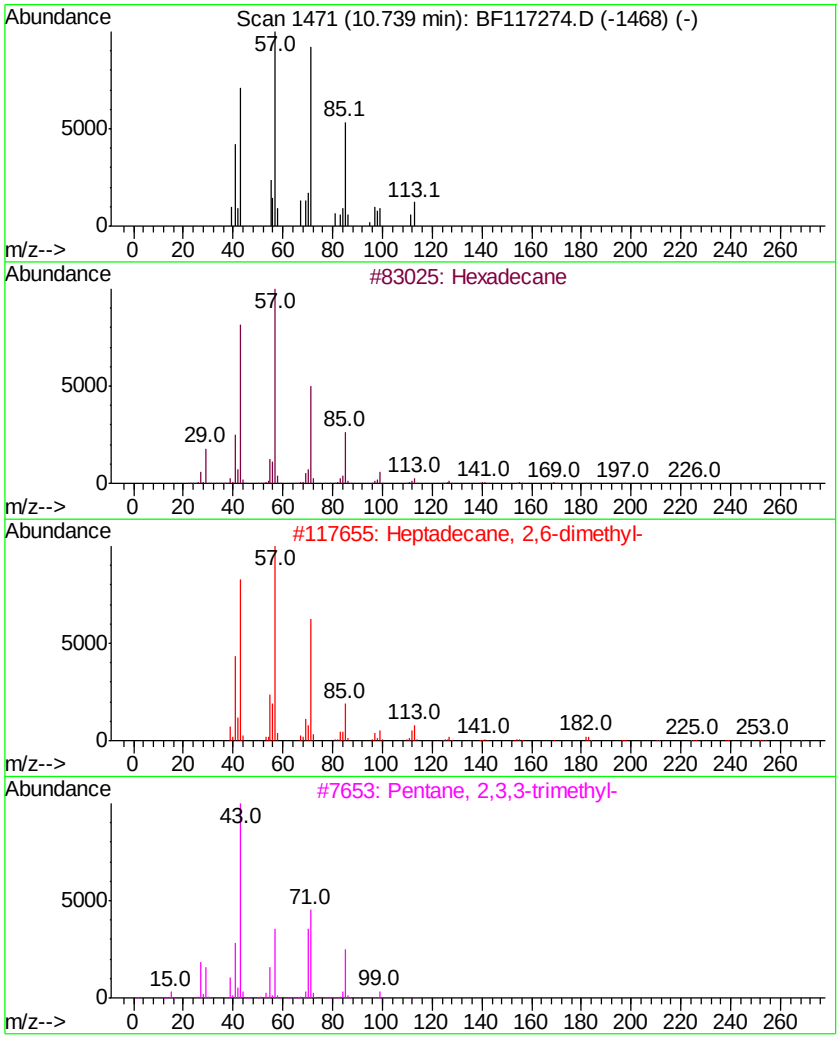
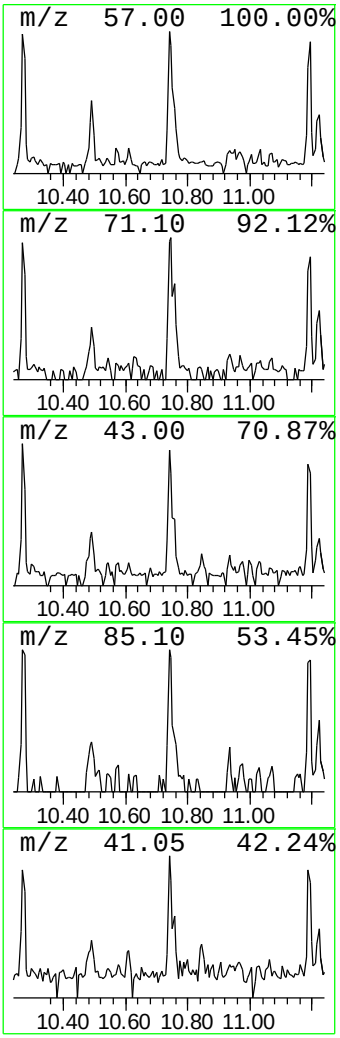
Peak Number 3 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	5.41 ng	42712	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093019\
Data File : BF117274.D
Acq On : 30 Sep 2019 21:21
Operator : JU
Sample : K4668-16 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-092619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

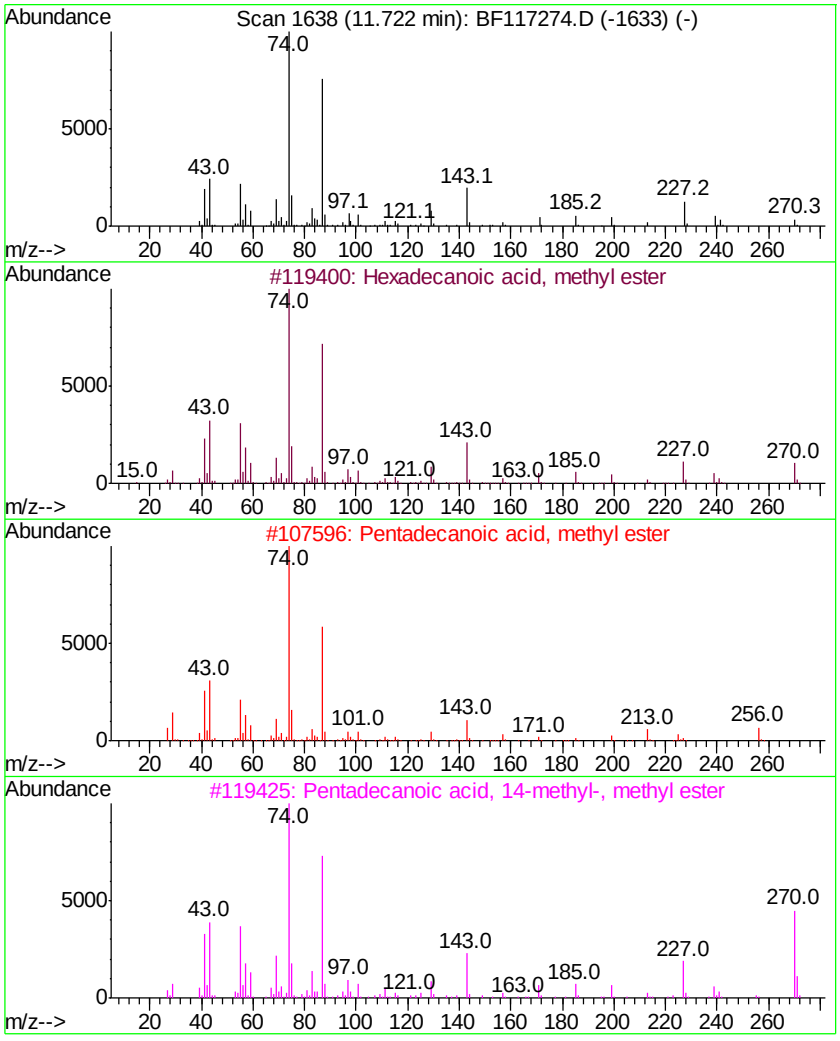
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

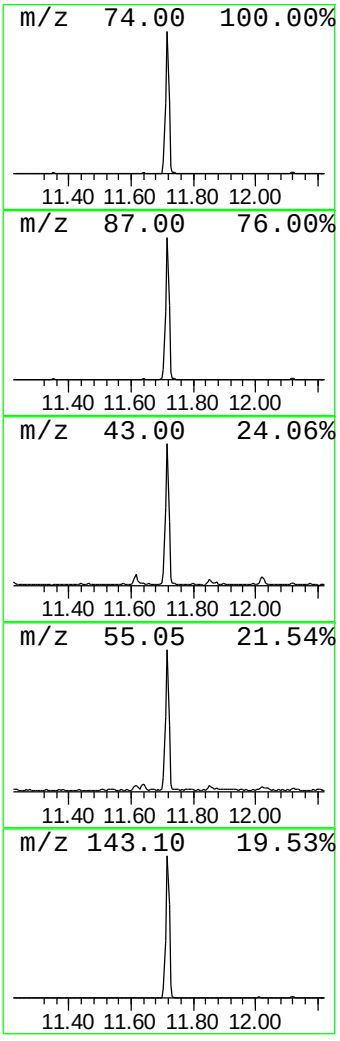
****

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	86.34 ng	681248	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





Library Search Compound Report

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Data File : BF117274.D
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Sample : K4668-16 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-092619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

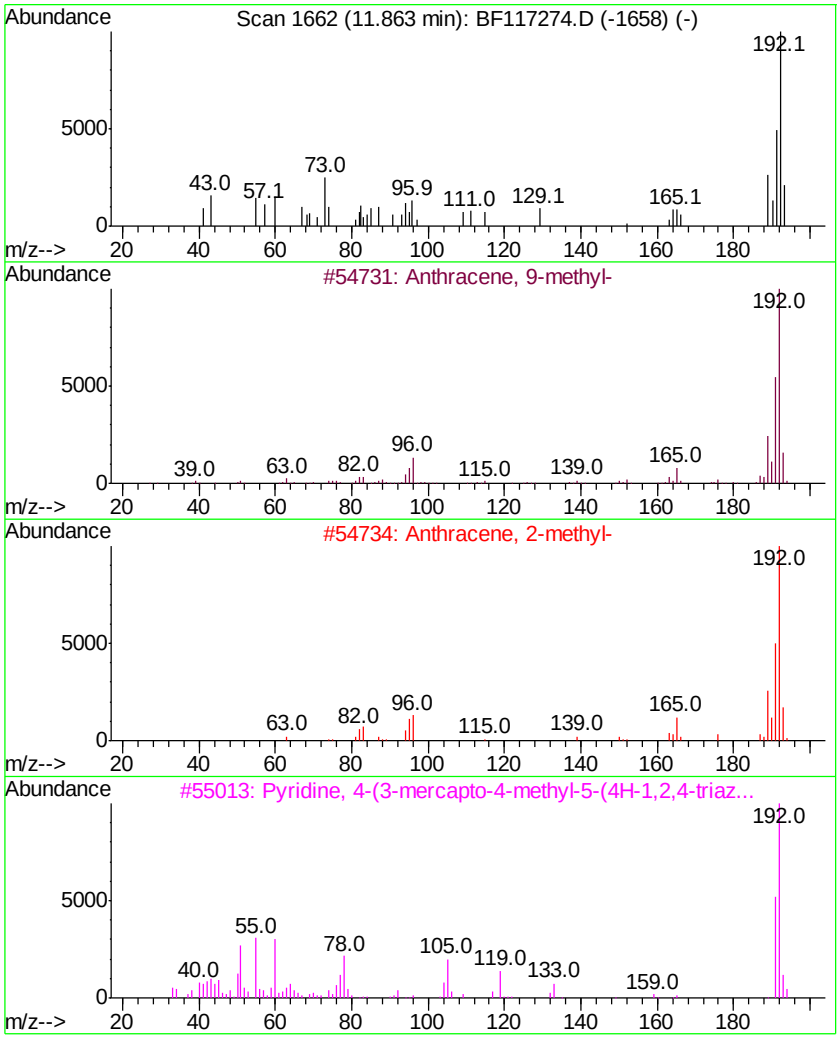
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

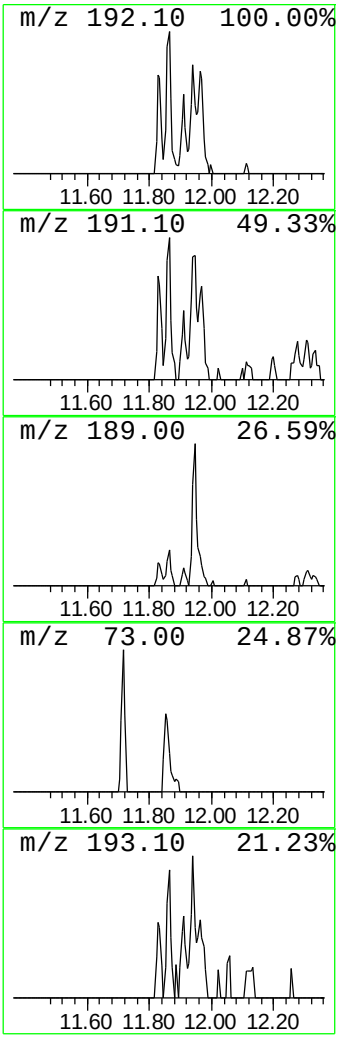
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.49 ng	43321	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53
3	Pyridine, 4-(3-mercapto-4-methyl...	192	C8H8N4S	003652-32-2	53
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	52
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SU-04-092619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

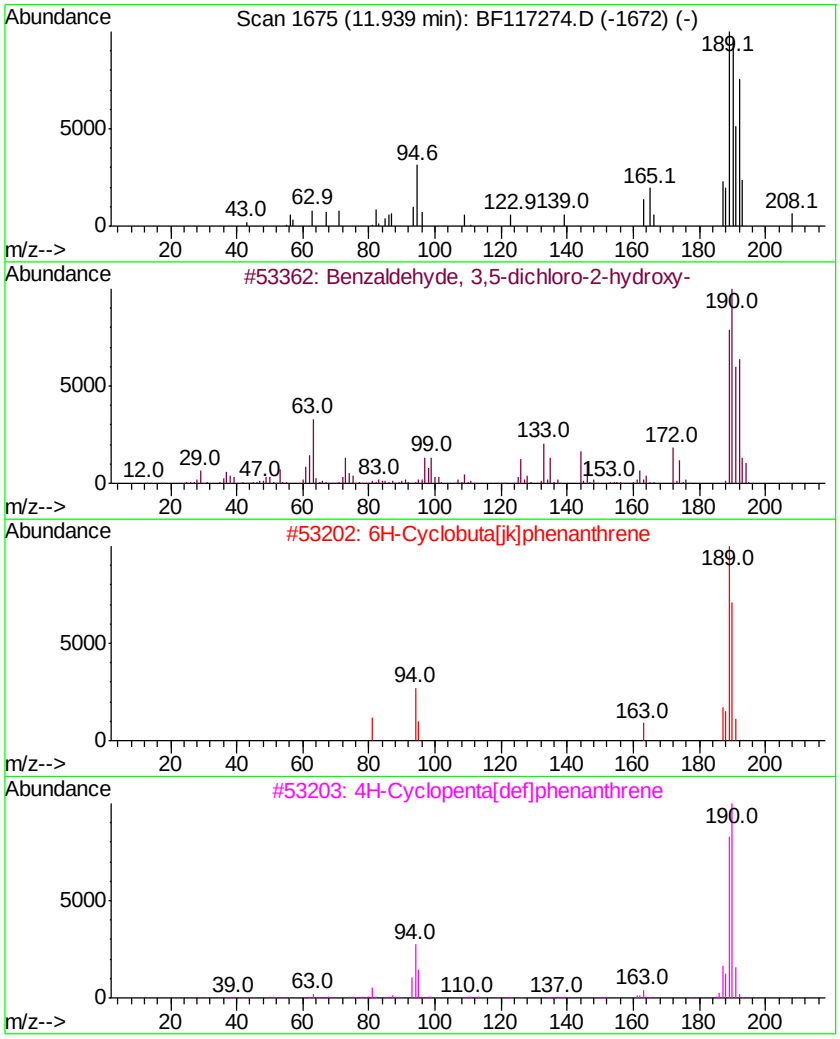
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

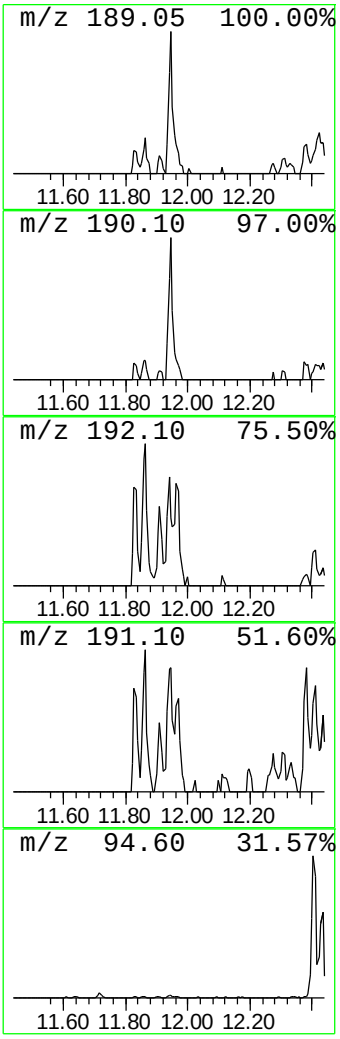
****

Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.39 ng	34625	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	59
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	38
5	3-Bromo-2-hydroxy-2-cyclohexen-1...	190	C6H7BrO2	010324-65-9	32





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-092619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

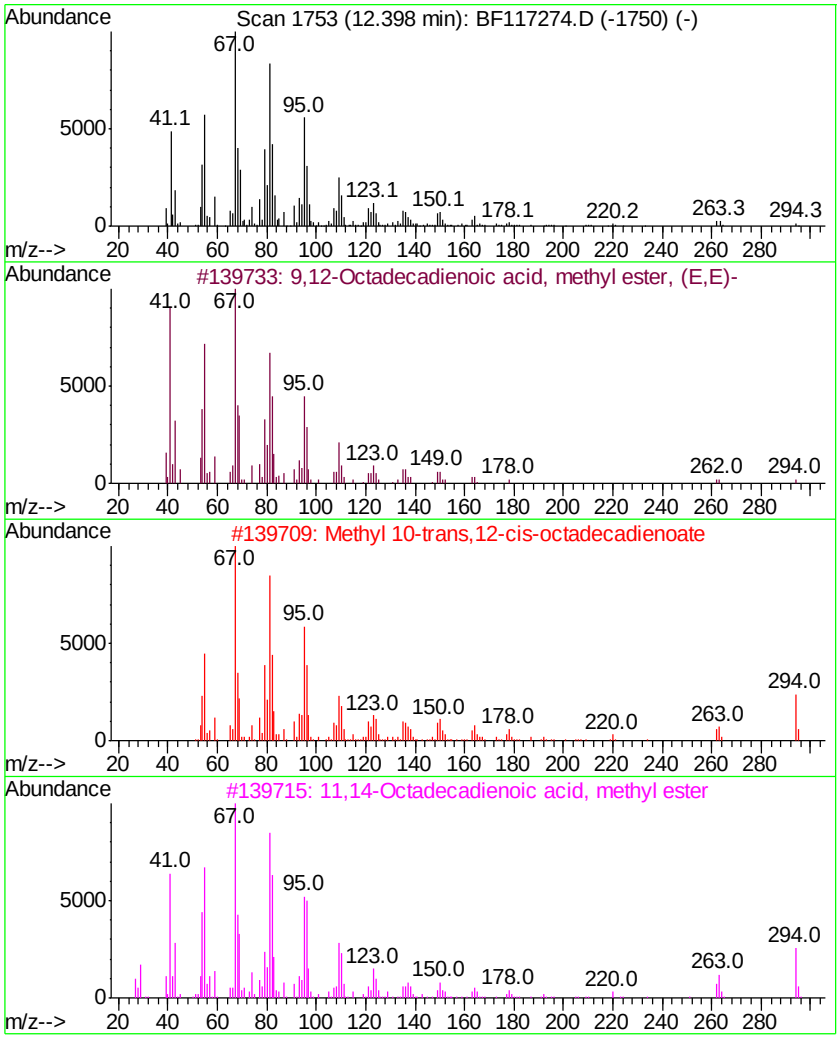
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

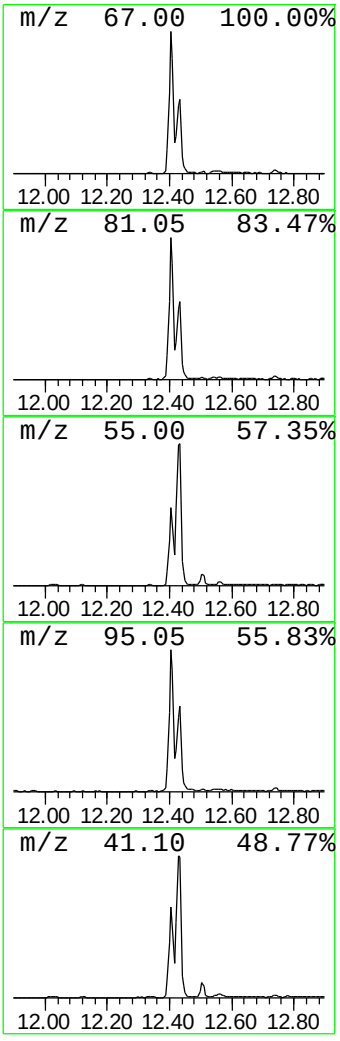
****

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	264.17 ng	2084260	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
3	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





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Instrument : BNA_F
ClientSampleId : SU-04-092619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

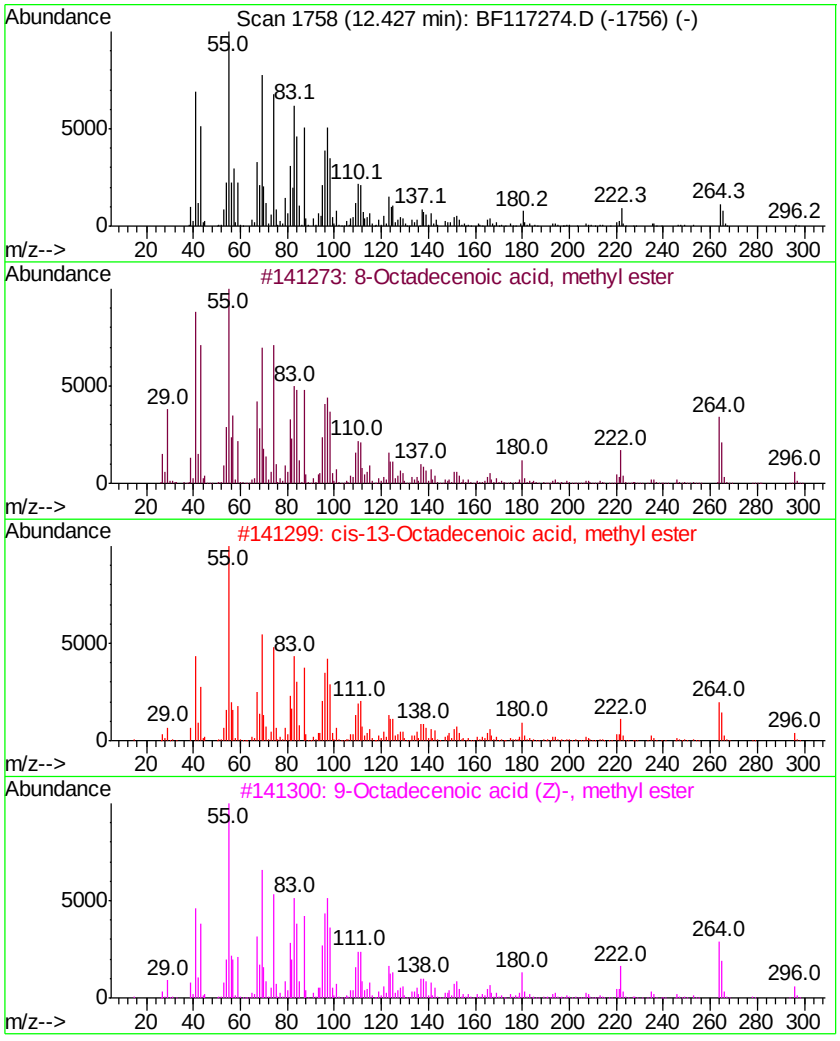
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

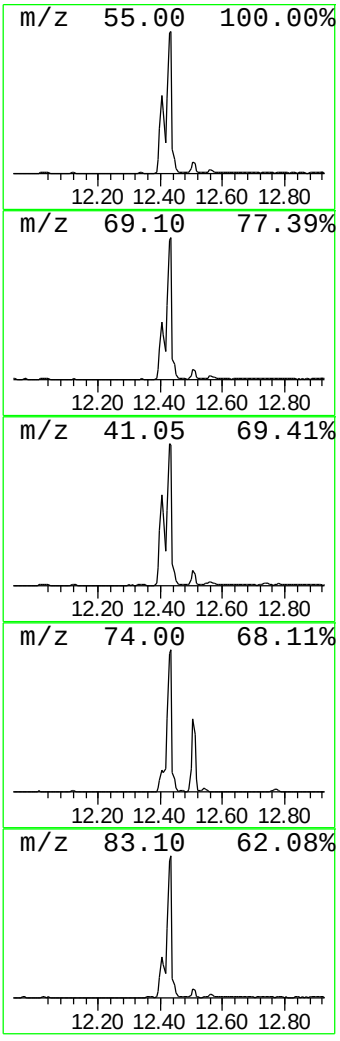
****

Peak Number 8 8-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	366.59 ng	2892340	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	99
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
4	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	98





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
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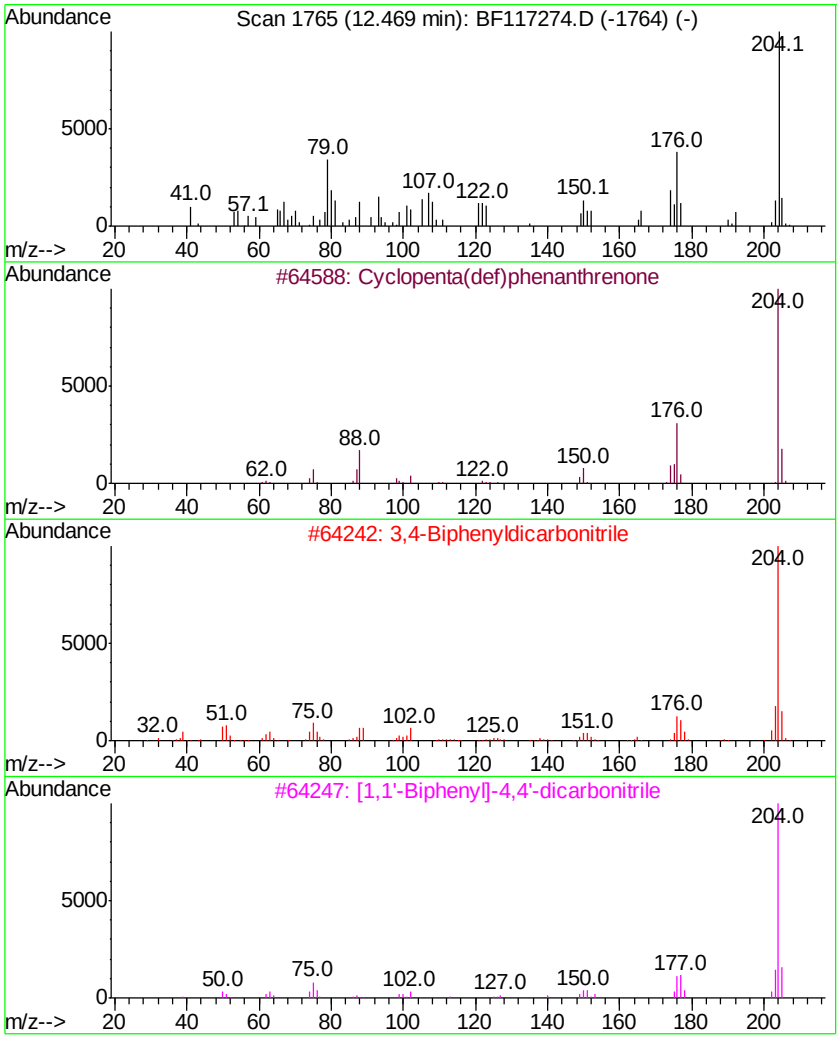
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

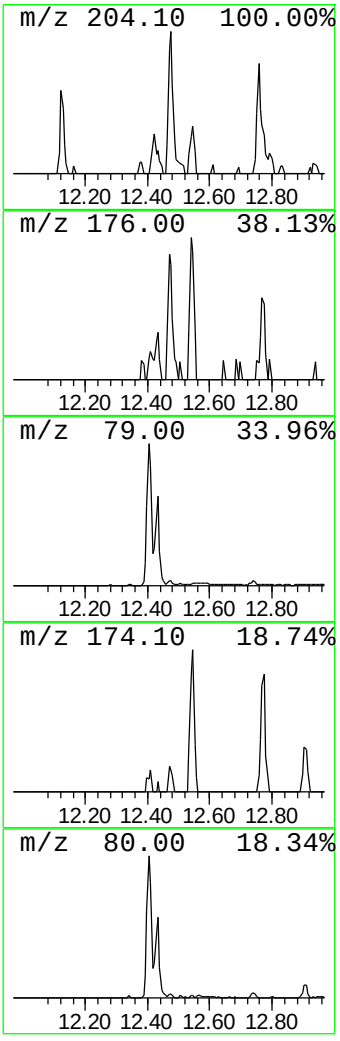
****

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.83 ng	38094	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	49





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Acq On : 30 Sep 2019 21:21
Operator : JU
Sample : K4668-16 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-092619

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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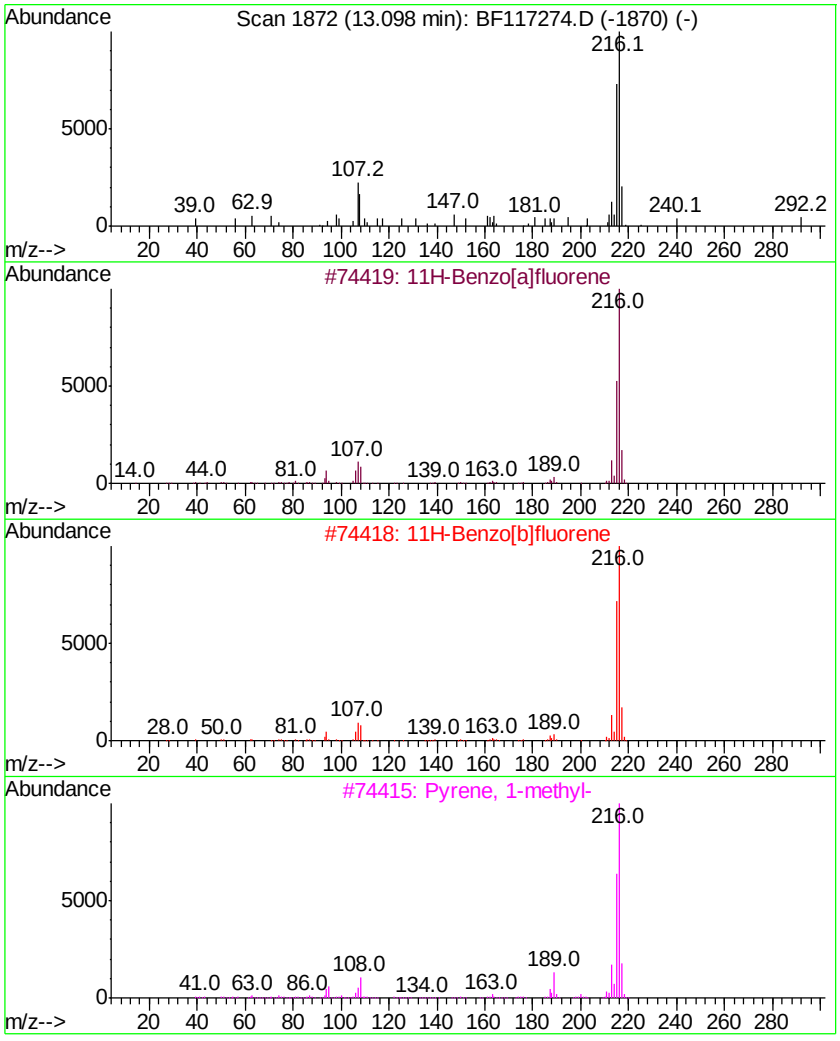
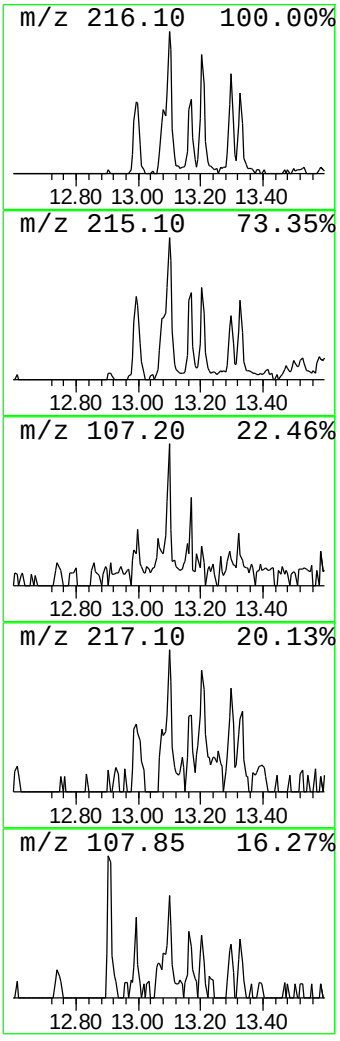
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.85 ng	67761	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-092619

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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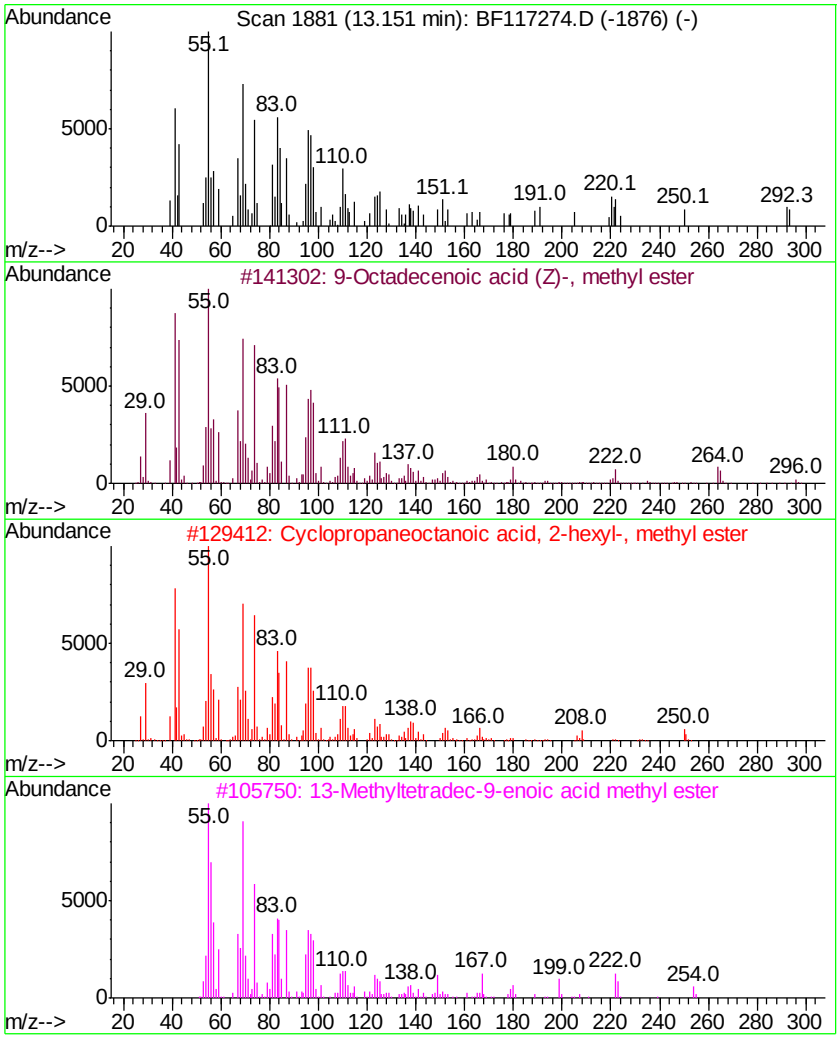
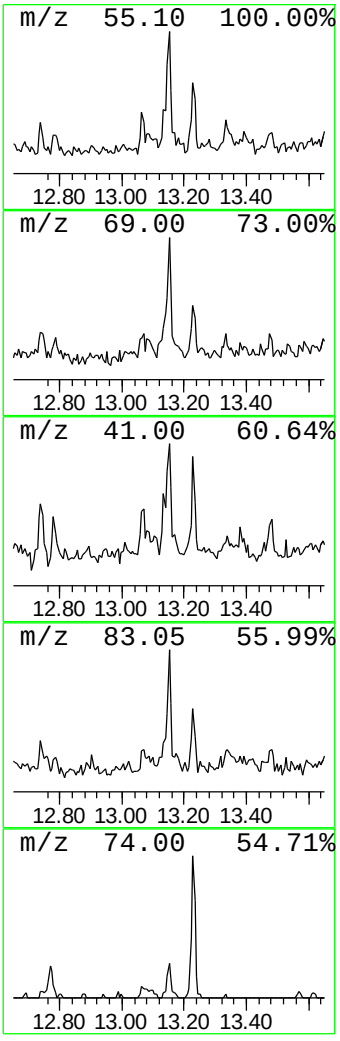
Peak Number 11 9-Octadecenoic acid (Z)-, m... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	5.32 ng	126488	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	76
2	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	64
3	13-Methyltetradec-9-enoic acid m...	254	C16H30O2	1000365-89-8	58
4	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	53
5	Ethyl 9-tetradecenoate	254	C16H30O2	1000336-60-8	52





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ClientSampleId : SU-04-092619

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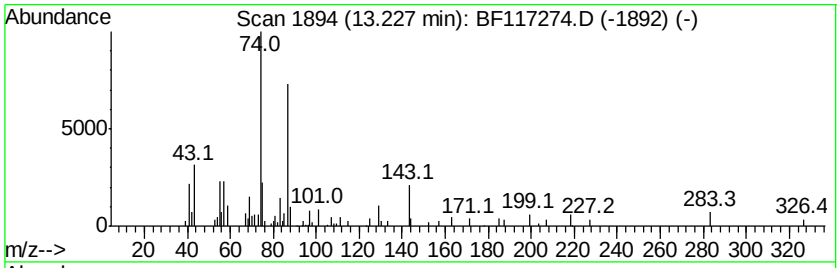
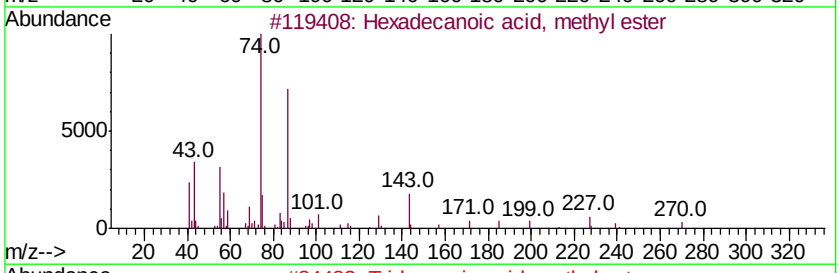
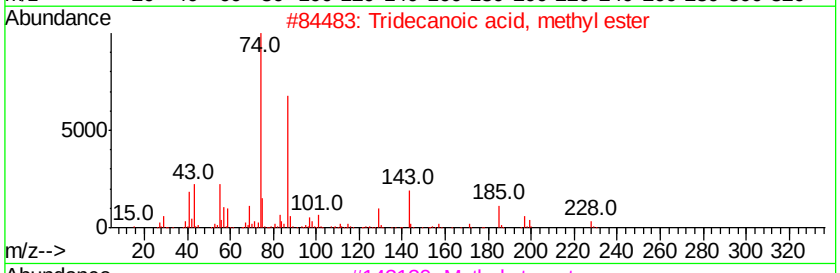
Peak Number 12 Tridecanoic acid, methyl ester Concentration Rank 20

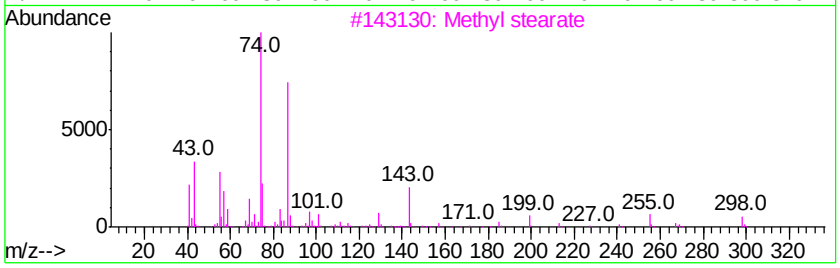
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.36 ng	56013	Chrysene-d12	13.97

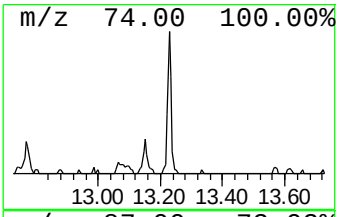
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86
3	Methyl stearate	298	C19H38O2	000112-61-8	86
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	80

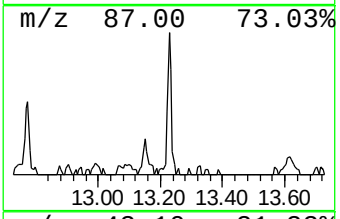


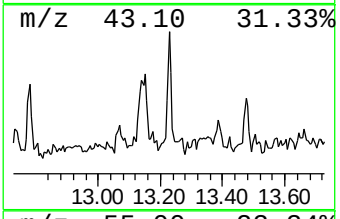


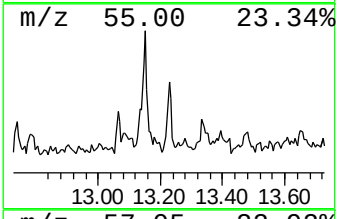


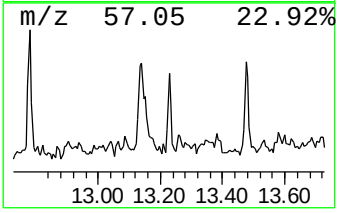












Library Search Compound Report

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Data File : BF117274.D
Acq On : 30 Sep 2019 21:21
Operator : JU
Sample : K4668-16 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-092619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

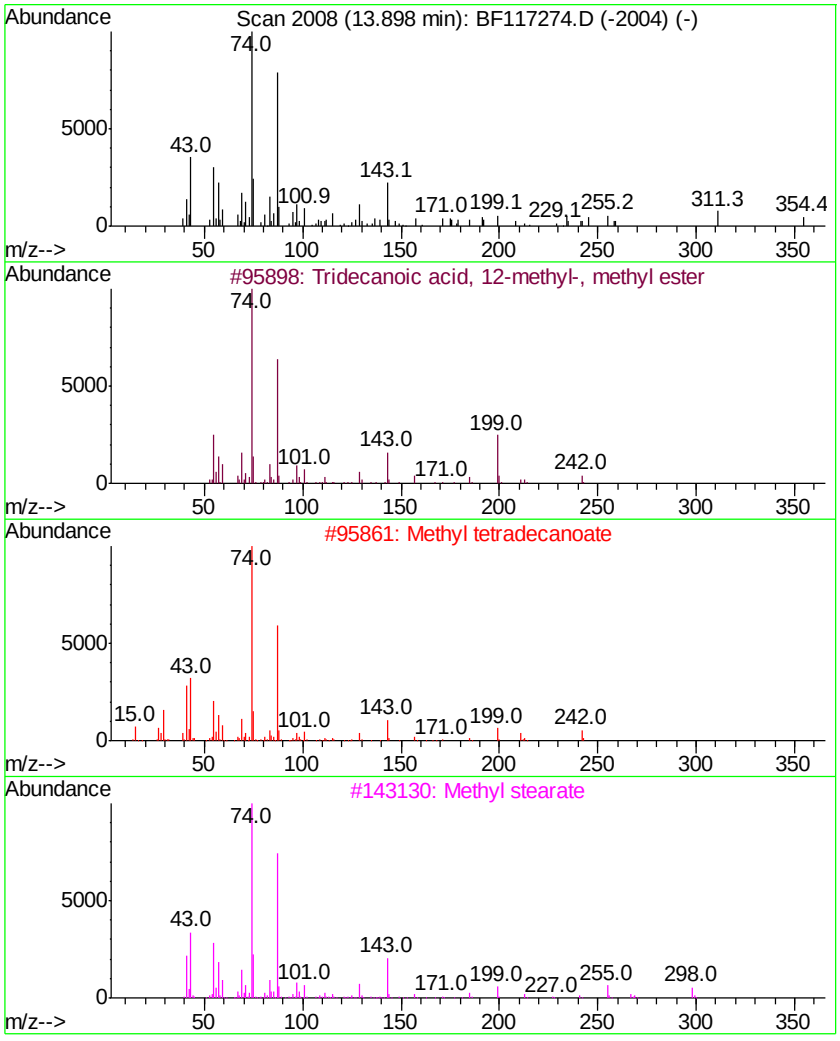
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

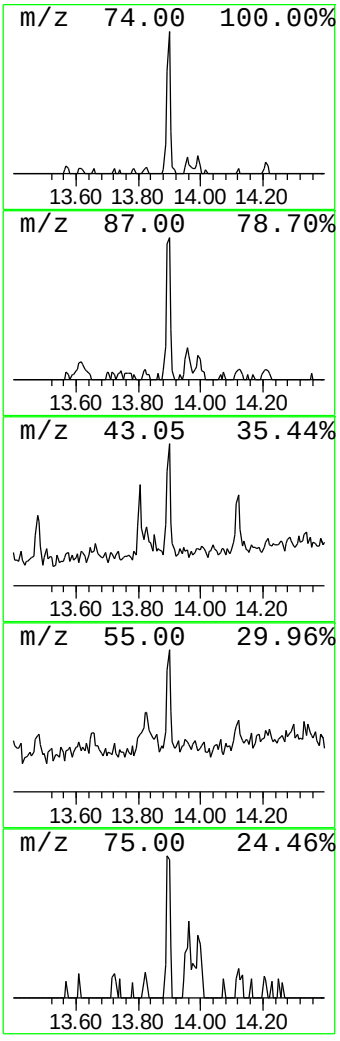
****

Peak Number 13 Tridecanoic acid, 12-methyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.74 ng	65059	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	90
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
3	Methyl stearate	298	C19H38O2	000112-61-8	86
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	78
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	78





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

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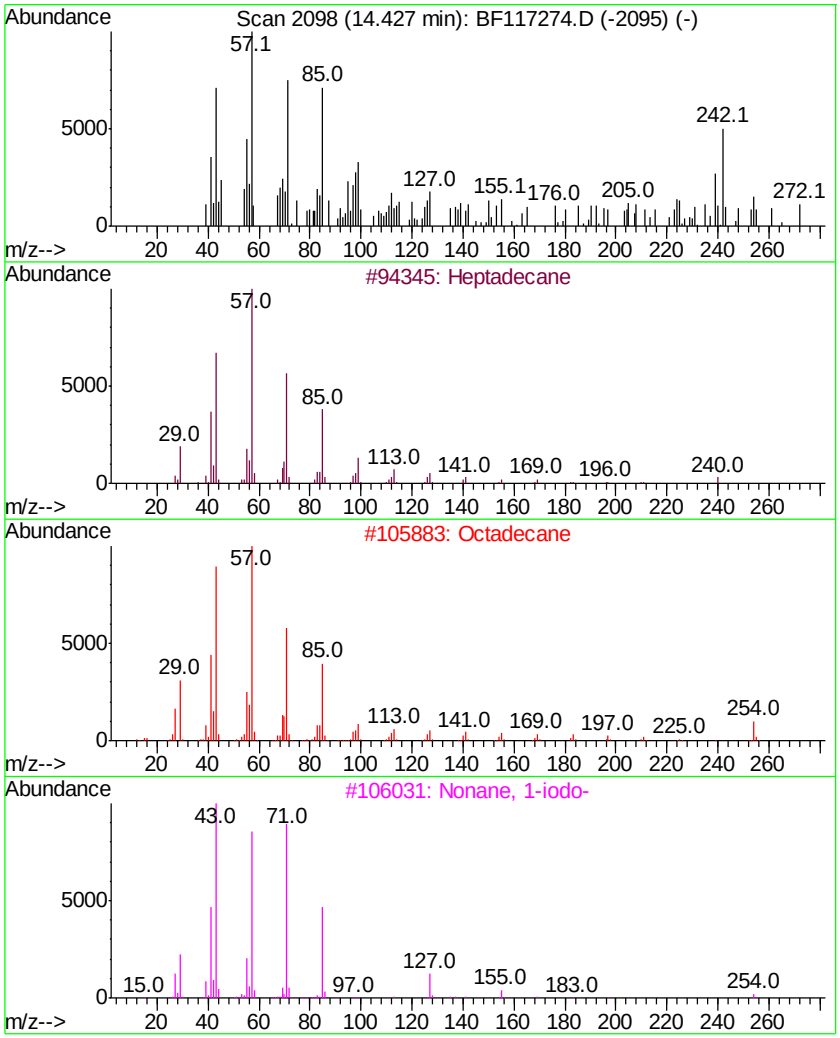
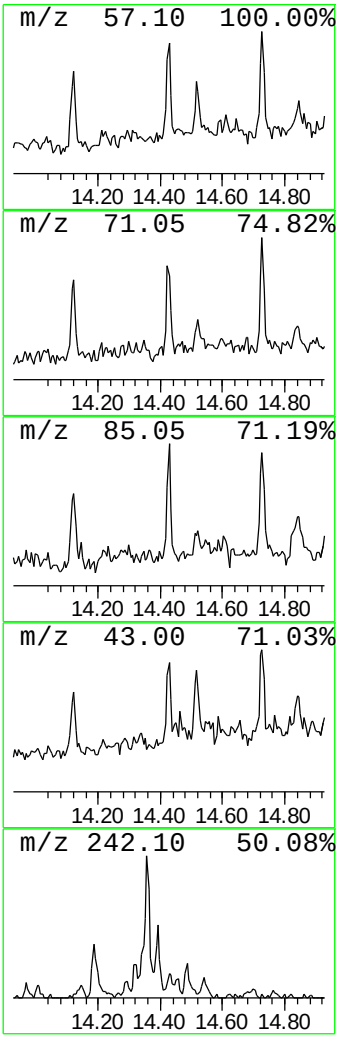
Peak Number 14 unknown14.43 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.68 ng	63810	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	49
2	Octadecane	254	C18H38	000593-45-3	49
3	Nonane, 1-iodo-	254	C9H19I	004282-42-2	43
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	43
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	43





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-092619

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

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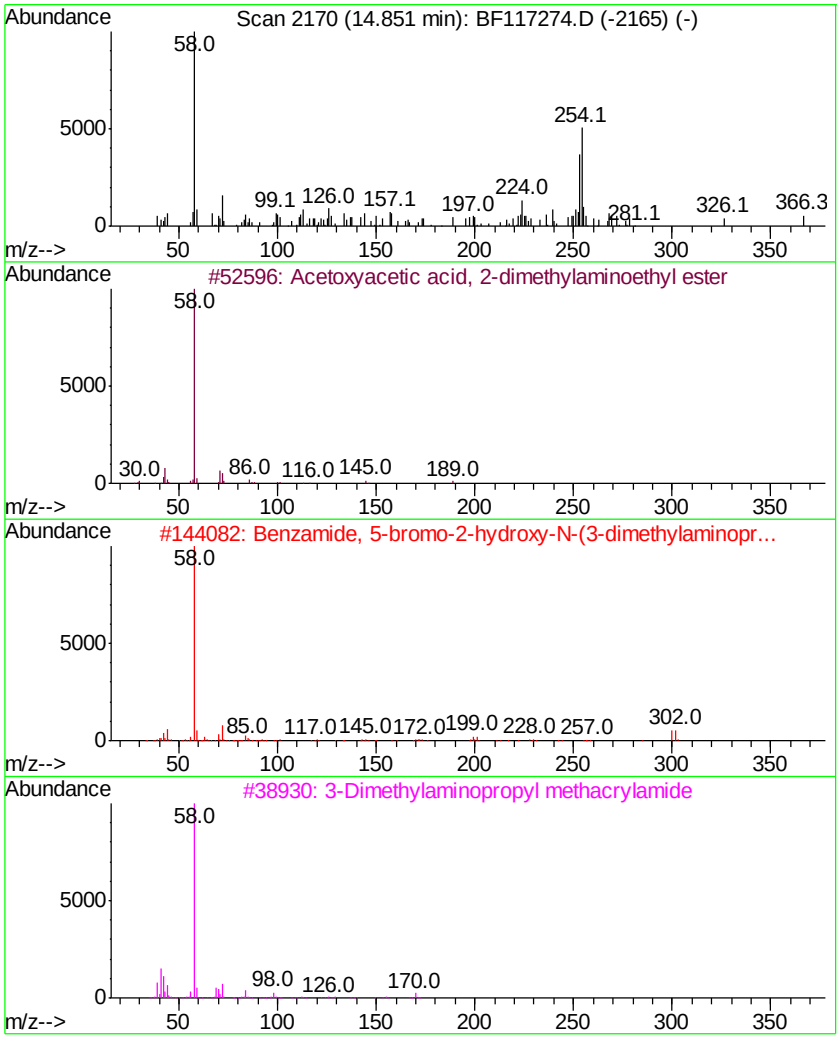
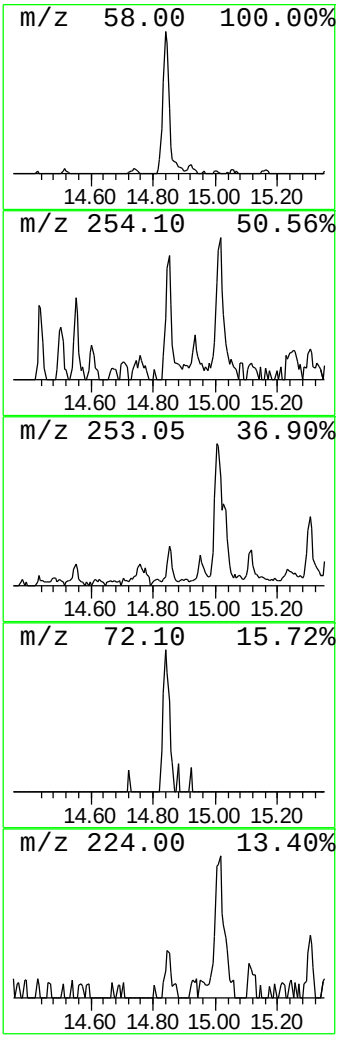
Peak Number 15 Acetoxyacetic acid, 2-dimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	11.86 ng	110877	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetoxyacetic acid, 2-dimethylam...	189	C8H15NO4	1000331-22-6	58
2	Benzamide, 5-bromo-2-hydroxy-N-(...	300	C12H17BrN2O2	289660-53-3	53
3	3-Dimethylaminopropyl methacryla...	170	C9H18N2O	005205-93-6	53
4	Acetone, 1-[4-(dimethylaminoetho...	221	C13H19NO2	086608-11-9	53
5	N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	53





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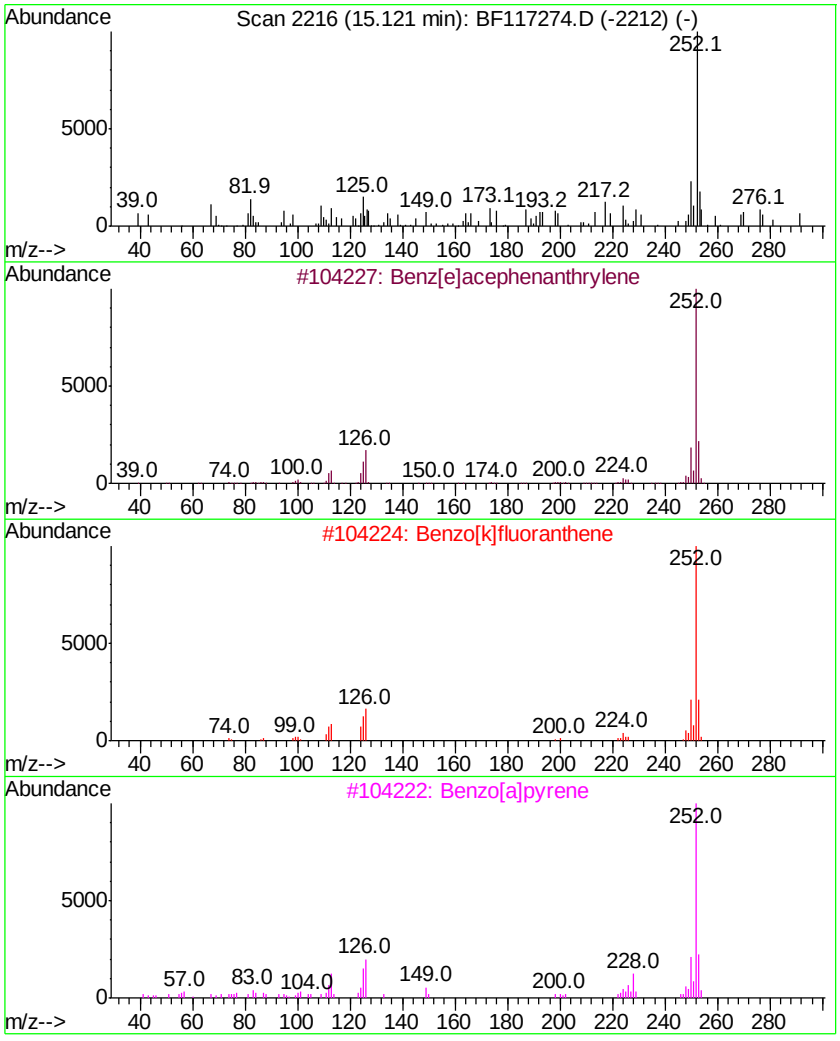
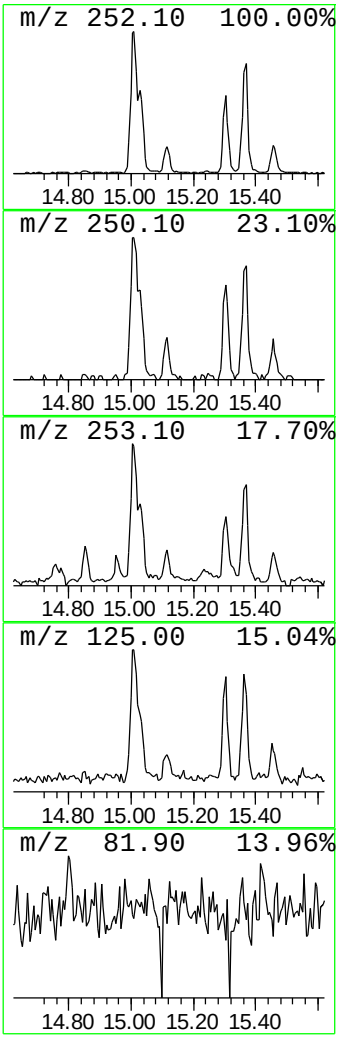
Peak Number 16 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.89 ng	36405	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
3	Benzo[a]pyrene	252	C20H12	000050-32-8	76
4	Benzo[e]pyrene	252	C20H12	000192-97-2	76
5	Perylene	252	C20H12	000198-55-0	70





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

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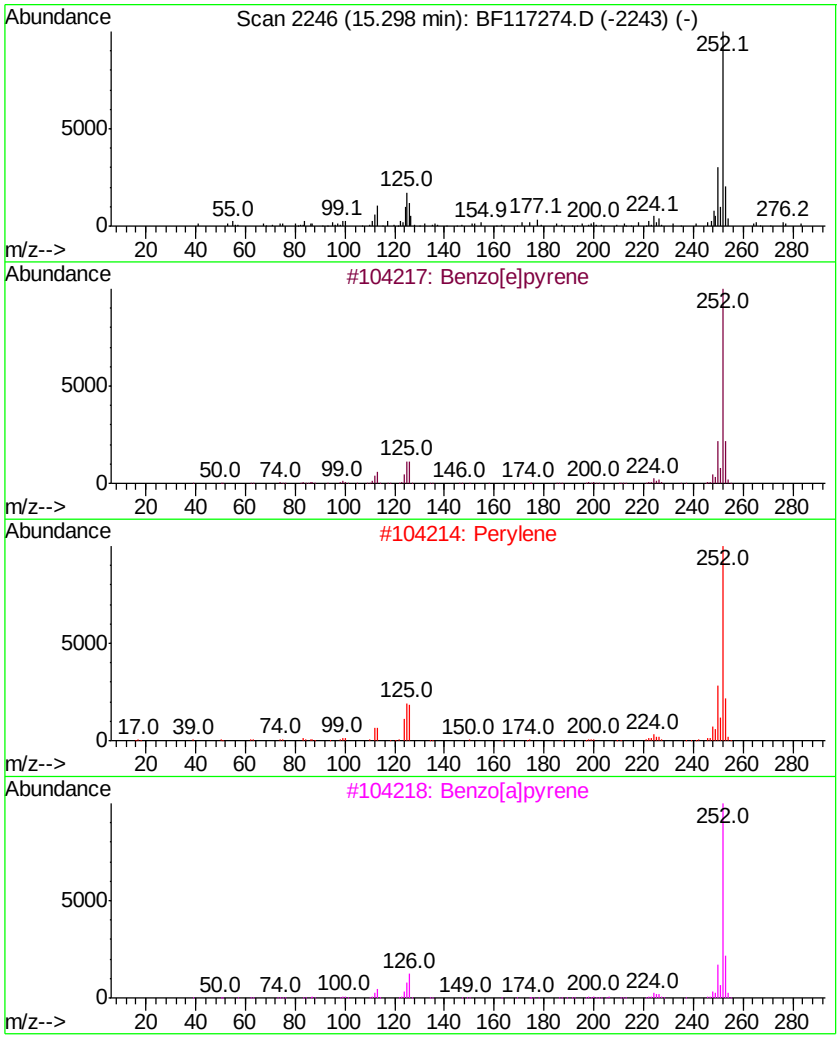
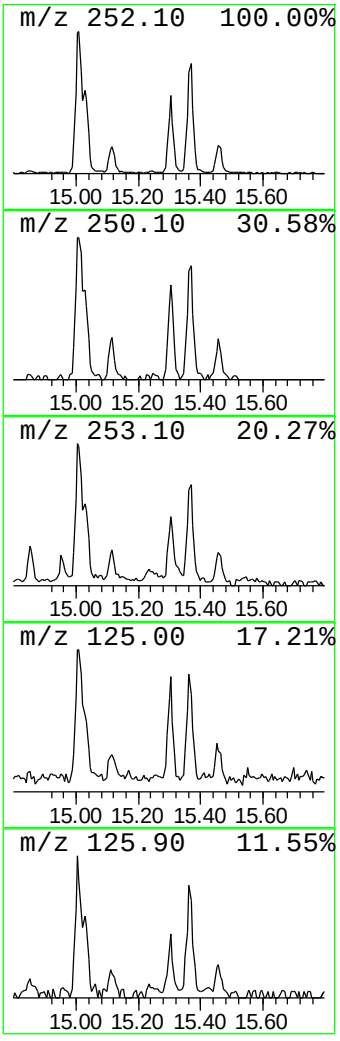
Peak Number 17 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	10.18 ng	95181	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





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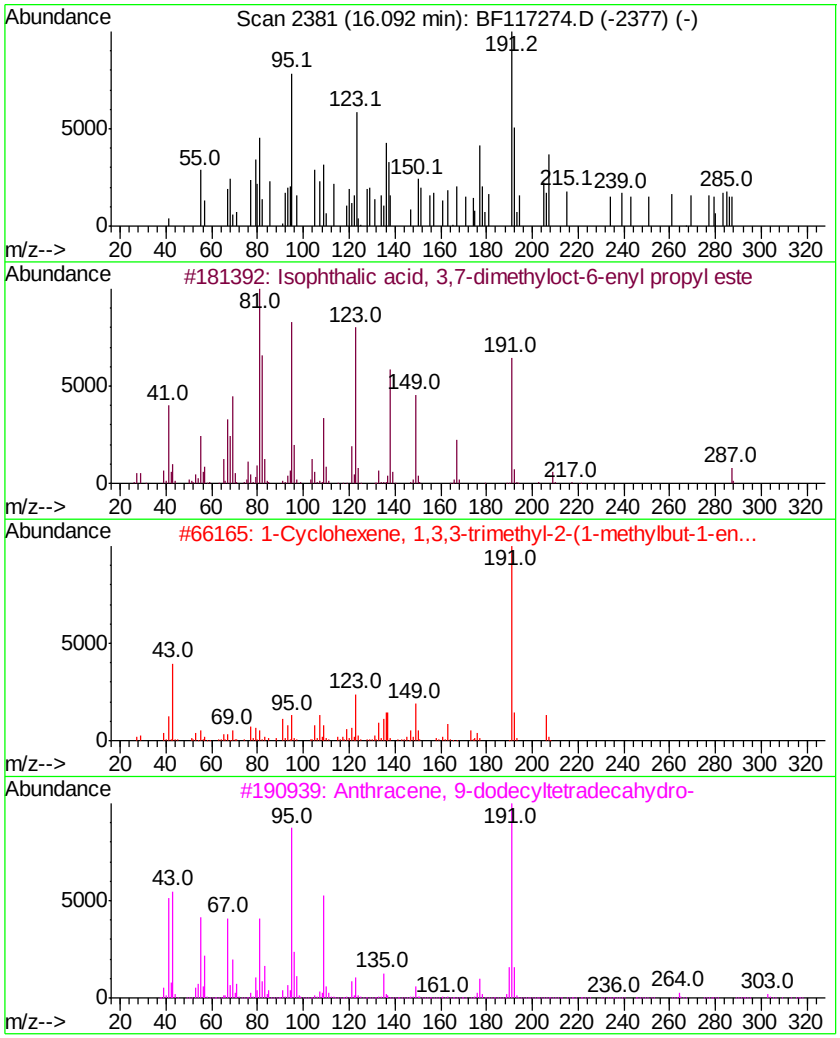
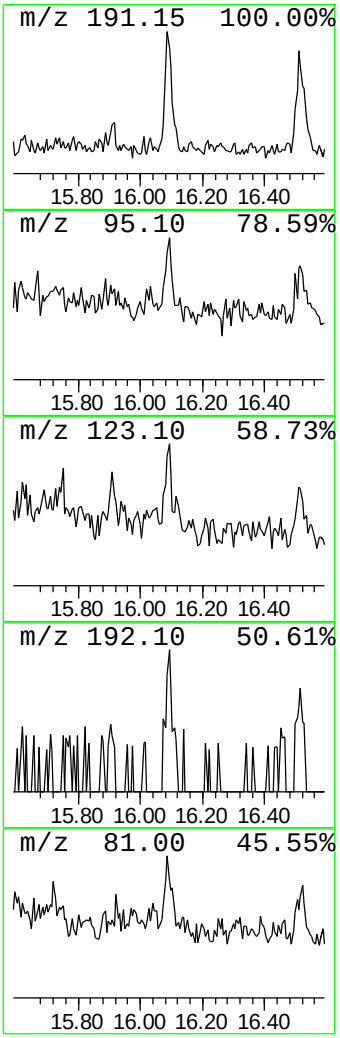
Peak Number 18 unknown16.09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	5.07 ng	47438	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isophthalic acid, 3,7-dimethyloc...	346	C21H30O4	1000356-73-6	38
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	32
4	5-(1-Isopropenyl-4,5-dimethylbic...	332	C22H36O2	1000195-69-8	32
5	N-(3,4,5,6-Tetrahydro-1,3-thiazi...	192	C10H12N2S	003420-40-4	30





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

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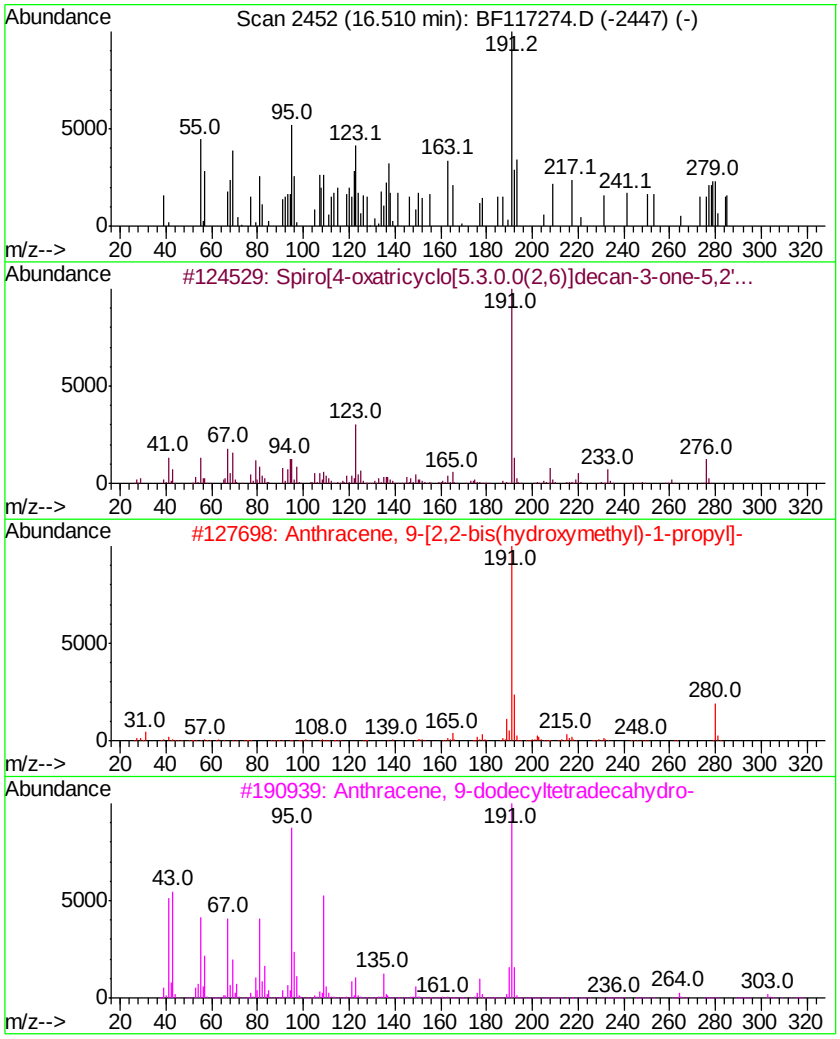
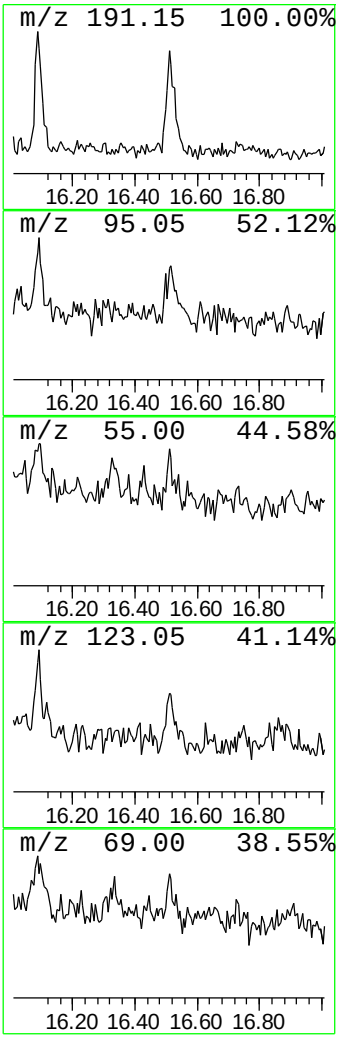
Peak Number 19 unknown16.51 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	5.37 ng	50239	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4-oxatricyclo[5.3.0.0(2,6)...	276	C18H28O2	1000156-82-9	46
2	Anthracene, 9-[2,2-bis(hydroxyme...	280	C19H20O2	144000-85-1	27
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	25
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	25
5	2-Chloro-4,6-dimethylquinoline	191	C11H10ClN	003913-18-6	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF093019\
Data File : BF117274.D
Acq On : 30 Sep 2019 21:21
Operator : JU
Sample : K4668-16 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-092619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
unknown6.58	6.58	37.7	ng	269119	1	6.81	142676	20.0
Hexadecane	10.74	5.4	ng	42712	4	11.33	157797	20.0
Hexadecanoic acid...	11.72	86.3	ng	681248	4	11.33	157797	20.0
Anthracene, 9-met...	11.86	5.5	ng	43321	4	11.33	157797	20.0
Benzaldehyde, 3,5...	11.94	4.4	ng	34625	4	11.33	157797	20.0
9,12-Octadecadien...	12.40	264.2	ng	2084260	4	11.33	157797	20.0
8-Octadecenoic ac...	12.43	366.6	ng	2892340	4	11.33	157797	20.0
Cyclopenta(def)ph...	12.47	4.8	ng	38094	4	11.33	157797	20.0
11H-Benzo[a]fluorene	13.10	2.9	ng	67761	5	13.97	475401	20.0
9-Octadecenoic ac...	13.15	5.3	ng	126488	5	13.97	475401	20.0
Tridecanoic acid,...	13.23	2.4	ng	56013	5	13.97	475401	20.0
Tridecanoic acid,...	13.90	2.7	ng	65059	5	13.97	475401	20.0
unknown14.43	14.43	2.7	ng	63810	5	13.97	475401	20.0
Acetoxyacetic aci...	14.85	11.9	ng	110877	6	15.43	186970	20.0
Benzo[e]pyrene	15.12	3.9	ng	36405	6	15.43	186970	20.0
Perylene	15.30	10.2	ng	95181	6	15.43	186970	20.0
unknown16.09	16.09	5.1	ng	47438	6	15.43	186970	20.0
unknown16.51	16.51	5.4	ng	50239	6	15.43	186970	20.0