LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121226.D
Acq On : 7 Aug 2020 11:13
Operator : JU/CG
Sample : L3548-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-017

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-BF071620.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	5.010	492	497	511	rVB	42345	61220	1.47%	0.164%
2	5.416	561	566	587	rBV	2814946	2973406	71.33%	7.980%
3	6.440	734	740	756	rBV	2553233	3040723	72.94%	8.161%
4	6.634	769	773	788	rBV2	18784	42780	1.03%	0.115%
5	6.792	797	800	804	rBV	944562	758528	18.20%	2.036%
6	7.357	891	896	909	rBV	1944163	2156347	51.73%	5.787%
7	8.075	1014	1018	1035	rBV	1027603	1019453	24.45%	2.736%
8	9.157	1196	1202	1205	rBV	3645984	3734959	89.60%	10.024%
9	9.275	1217	1222	1234	rVB2	56840	82487	1.98%	0.221%
10	9.551	1265	1269	1277	rBV	267378	267792	6.42%	0.719%
11	9.833	1312	1317	1326	rBV	1290088	1190532	28.56%	3.195%
12	10.628	1447	1452	1462	rBV	2168203	2338639	56.10%	6.276%
13	11.322	1566	1570	1572	rBV	1440670	1261392	30.26%	3.385%
14	11.345	1572	1574	1578	rVV	307467	286011	6.86%	0.768%
15	11.398	1580	1583	1586	rVB	75528	70557	1.69%	0.189%
16	11.557	1605	1610	1618	rBV3	28760	52113	1.25%	0.140%
17	11.822	1650	1655	1657	rBV	49544	55657	1.34%	0.149%
18	11.857	1657	1661	1666	rVV3	222401	238267	5.72%	0.639%
19	11.933	1671	1674	1677	rBV	67921	79209	1.90%	0.213%
20	12.369	1745	1748	1751	rBV	46095	51743	1.24%	0.139%
21	12.463	1761	1764	1767	rBV	75373	76207	1.83%	0.205%
22	12.533	1773	1776	1780	rVB	795518	692378	16.61%	1.858%
23	12.645	1790	1795	1797	rBV2	70501	90442	2.17%	0.243%
24	12.763	1805	1815	1822	rBV2	852705	1388412	33.31%	3.726%
25	12.916	1832	1841	1844	rBV	3611262	4168701	100.00%	11.188%
26	12.986	1848	1853	1857	rVB3	75783	119492	2.87%	0.321%
27	13.092	1864	1871	1874	rBV2	170086	254693	6.11%	0.684%
28	13.139	1875	1879	1880	rBV2	49202	57668	1.38%	0.155%
29	13.157	1880	1882	1885	rVB	111435	90462	2.17%	0.243%
30	13.198	1885	1889	1891	rBV2	97325	112234	2.69%	0.301%
31	13.292	1901	1905	1907	rBV	72398	70542	1.69%	0.189%
32	13.321	1907	1910	1913	rBV2	58159	64450	1.55%	0.173%
33	13.474	1932	1936	1938	rBV3	36851	51319	1.23%	0.138%
34	13.604	1955	1958	1961	rVV	85869	95338	2.29%	0.256%

LSC Area Percent Report

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Acq On : 7 Aug 2020 11:13
Operator : JU/CG
Sample : L3548-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-017

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.680	1964	1971	1975	rVV	369592	813688	19.52%	2.184%
36	13.739	1979	1981	1983	rVV	93224	85129	2.04%	0.228%
37	13.763	1983	1985	1990	rVV2	72302	111747	2.68%	0.300%
38	13.816	1990	1994	2002	rVB4	399736	627867	15.06%	1.685%
39	13.963	2011	2019	2022	rBV2	1520162	2014561	48.33%	5.407%
40	13.986	2022	2023	2031	rVB	506698	429606	10.31%	1.153%
41	14.339	2076	2083	2088	rBV2	502776	914087	21.93%	2.453%
42	14.380	2088	2090	2094	rVB2	75128	80814	1.94%	0.217%
43	14.427	2094	2098	2100	rBV4	99530	119783	2.87%	0.321%
44	14.468	2100	2105	2108	rVV2	70596	131588	3.16%	0.353%
45	14.545	2116	2118	2123	rVB2	47989	46809	1.12%	0.126%
46	14.727	2147	2149	2153	rVB2	110673	116516	2.80%	0.313%
47	14.898	2174	2178	2184	rBV2	245357	415548	9.97%	1.115%
48	14.998	2190	2195	2198	rBV	533481	848271	20.35%	2.277%
49	15.063	2202	2206	2210	rVB2	131049	172791	4.14%	0.464%
50	15.104	2210	2213	2217	rBV	77378	125917	3.02%	0.338%
51	15.292	2241	2245	2251	rVB	312072	385022	9.24%	1.033%
52	15.351	2251	2255	2261	rBV	275898	368089	8.83%	0.988%
53	15.415	2261	2266	2278	rVB	925191	1395171	33.47%	3.744%
54	15.551	2286	2289	2298	rVB3	89354	163761	3.93%	0.439%
55	15.857	2336	2341	2345	rBV	100876	147003	3.53%	0.395%
56	15.962	2351	2359	2365	rBV9	57385	201436	4.83%	0.541%
57	16.851	2504	2510	2517	rBV2	130874	273273	6.56%	0.733%
58	17.286	2579	2584	2592	rVB	87943	178474	4.28%	0.479%

Sum of corrected areas: 37261104

LSC Report - Integrated Chromatogram

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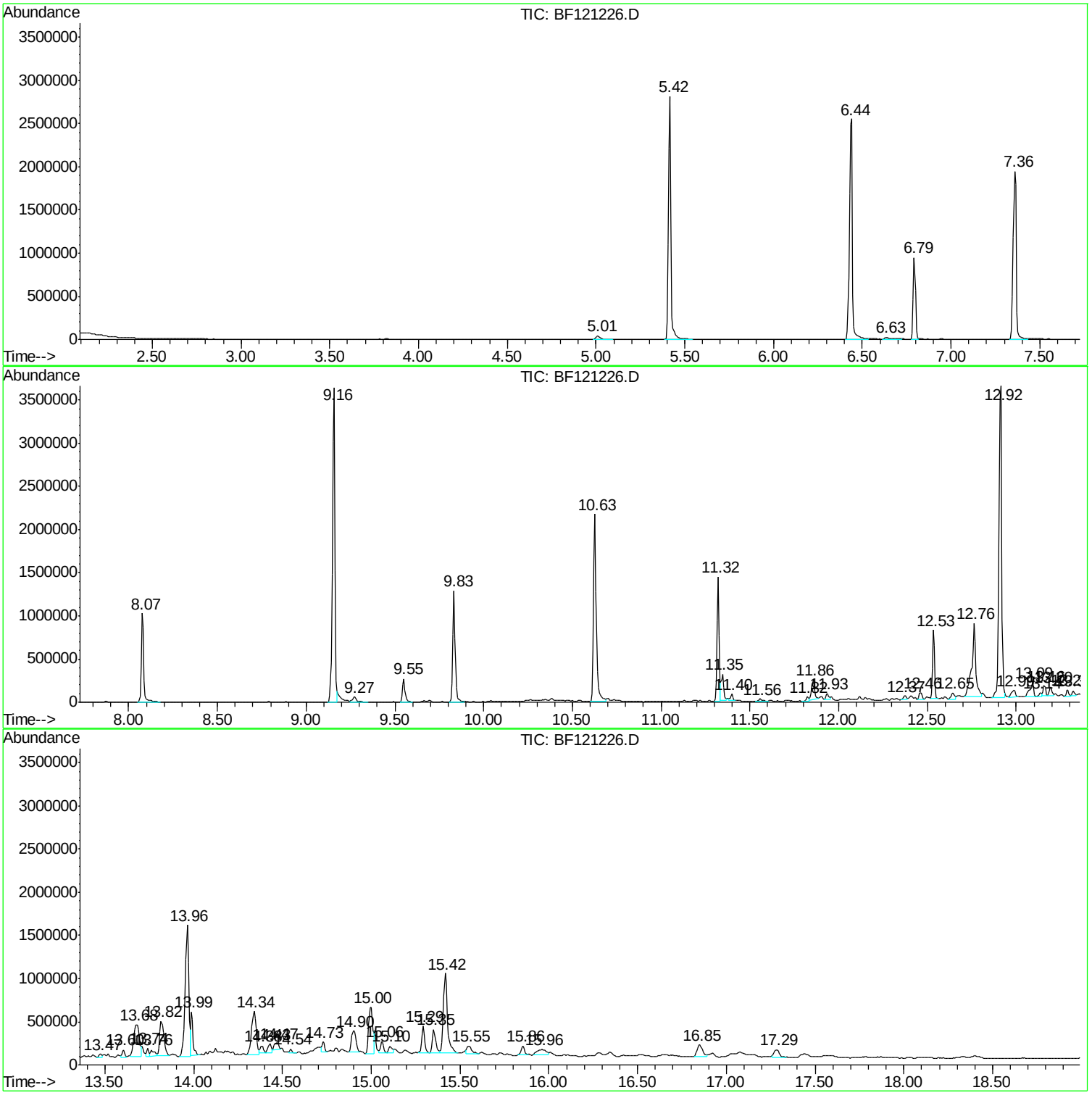
Operator : JU/CG
Sample : L3548-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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\BF080720\
Data File : BF121226.D
Acq On : 7 Aug 2020 11:13
Operator : JU/CG
Sample : L3548-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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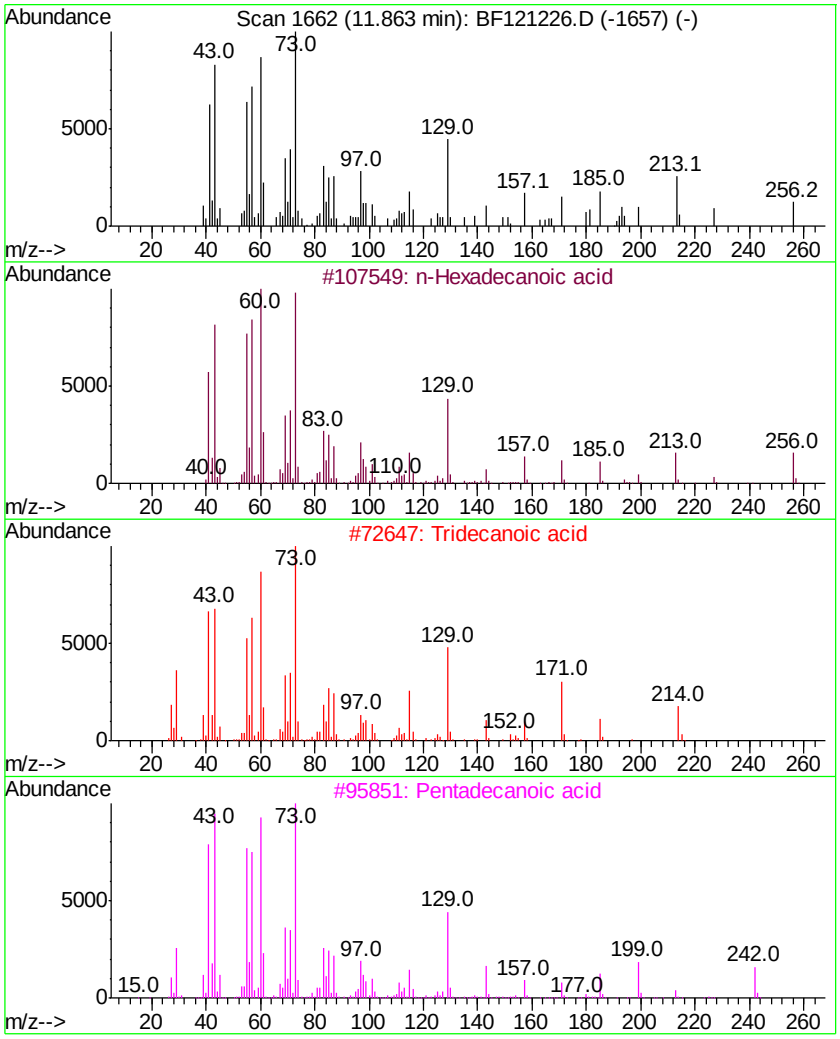
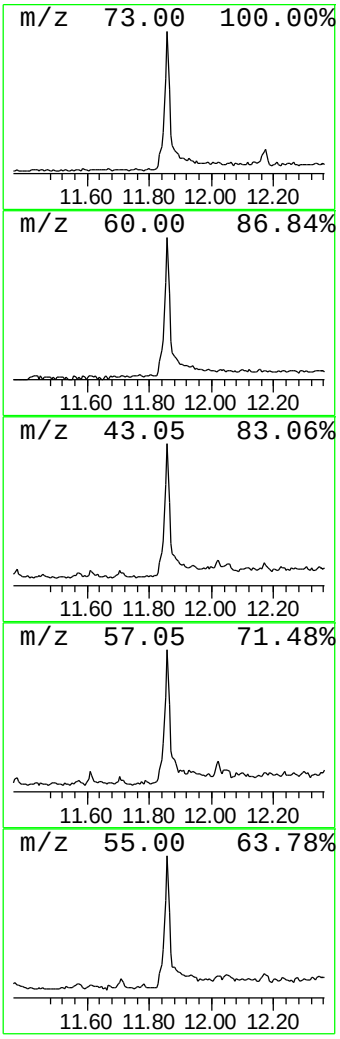
Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.78 ng	238267	Phenanthrene-d10	11.32

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121226.D
Acq On : 7 Aug 2020 11:13
Operator : JU/CG
Sample : L3548-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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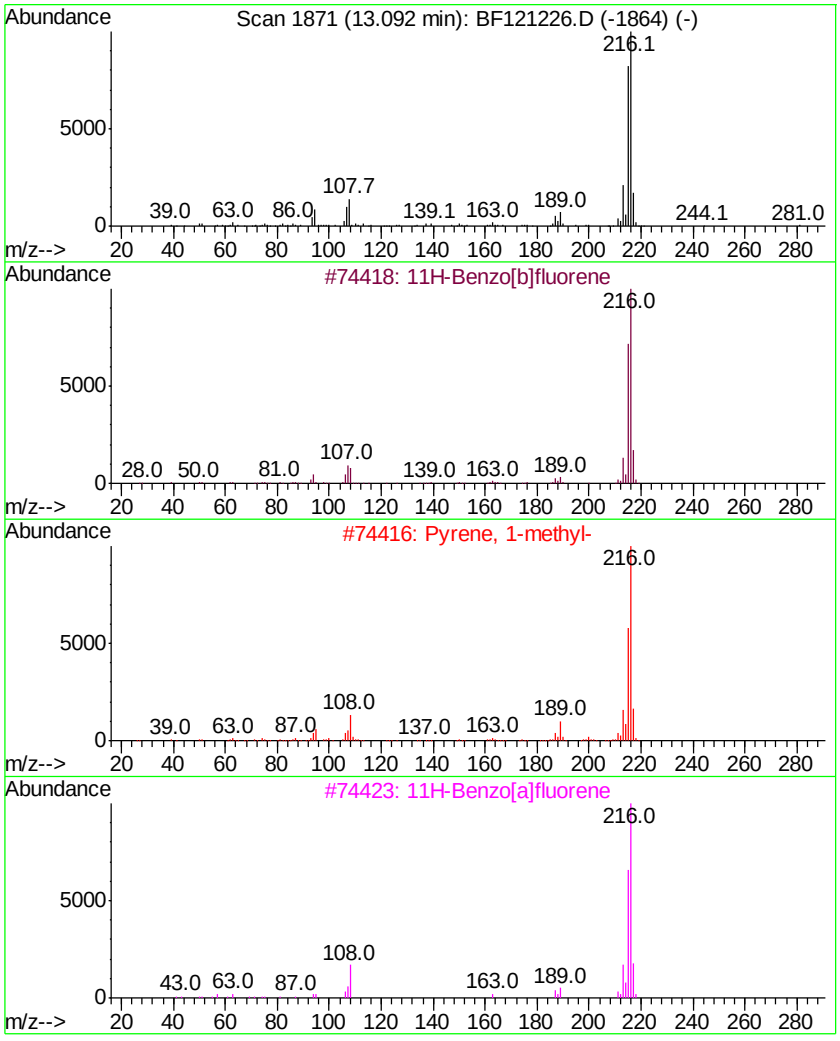
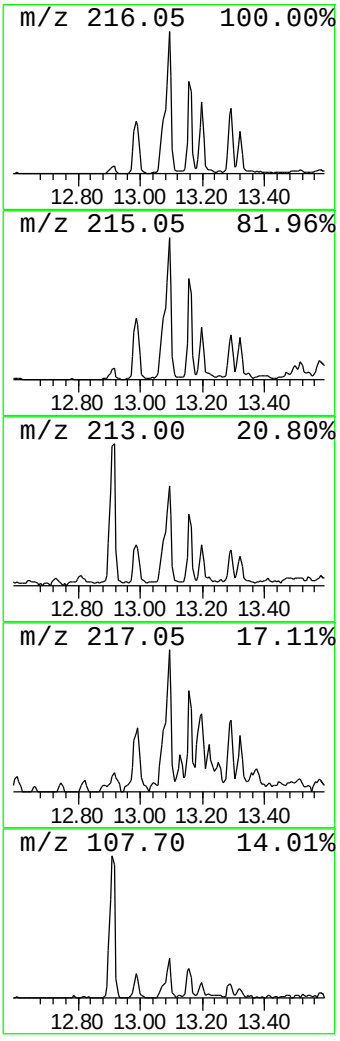
Peak Number 2 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.53 ng	254693	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121226.D
Acq On : 7 Aug 2020 11:13
Operator : JU/CG
Sample : L3548-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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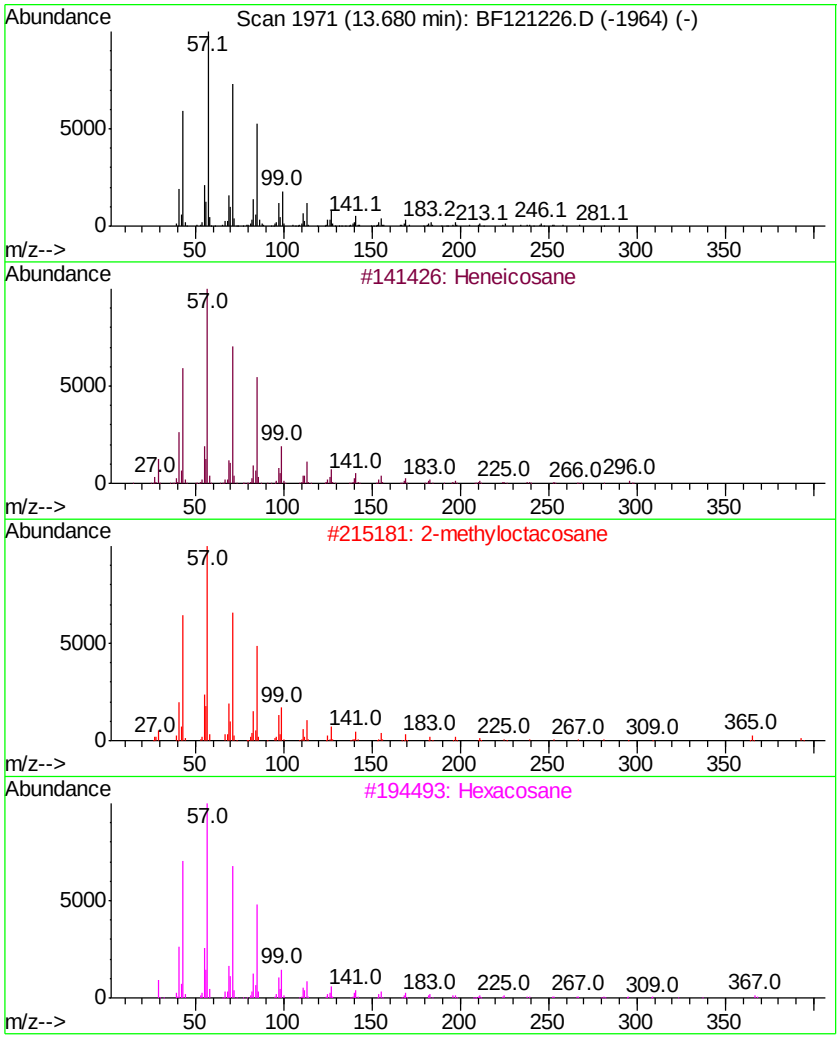
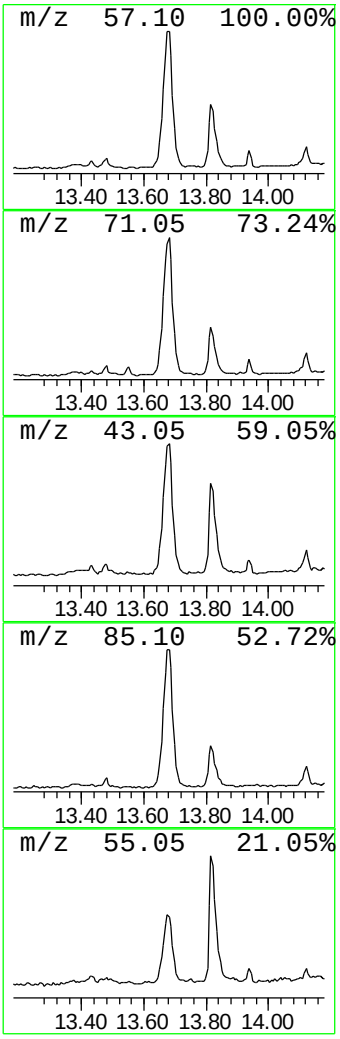
Peak Number 3 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	8.08 ng	813688	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121226.D
Acq On : 7 Aug 2020 11:13
Operator : JU/CG
Sample : L3548-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

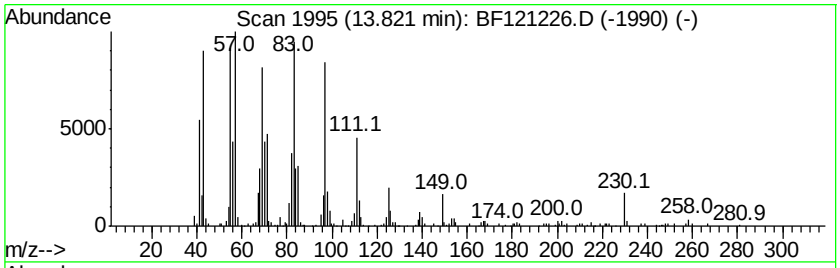
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

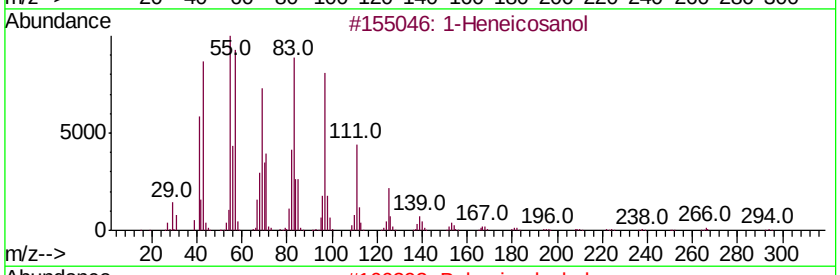
****

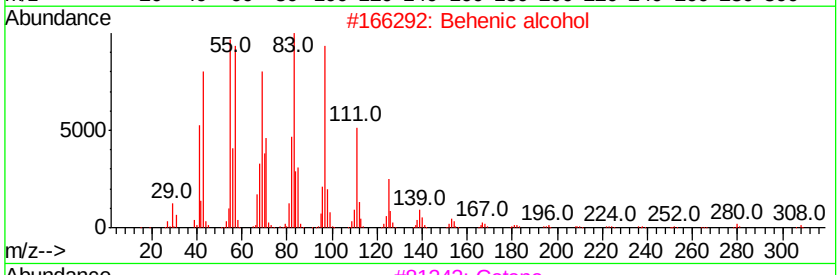
Peak Number 4 1-Heneicosanol Concentration Rank 3

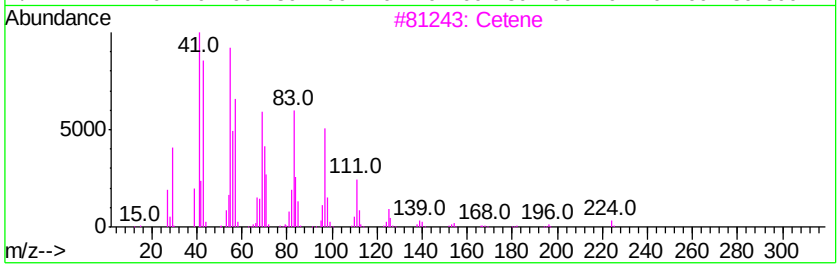
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	6.23 ng	627867	Chrysene-d12	13.96

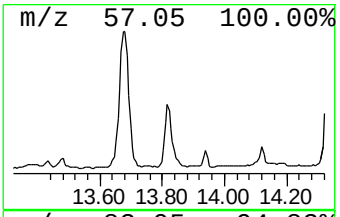
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Cetene	224	C16H32	000629-73-2	93
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93

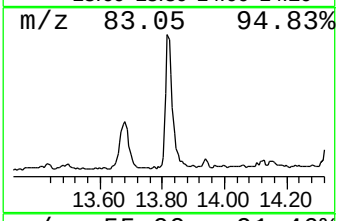


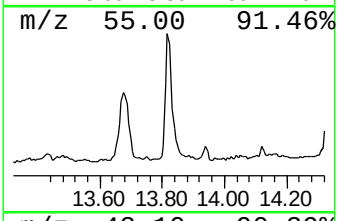


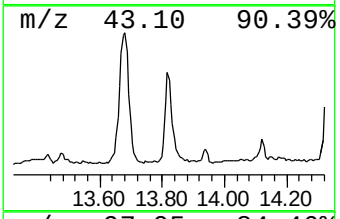


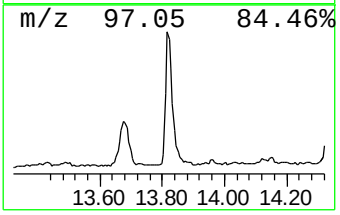












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Instrument : BNA_F
ClientSampleId : CRT-017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

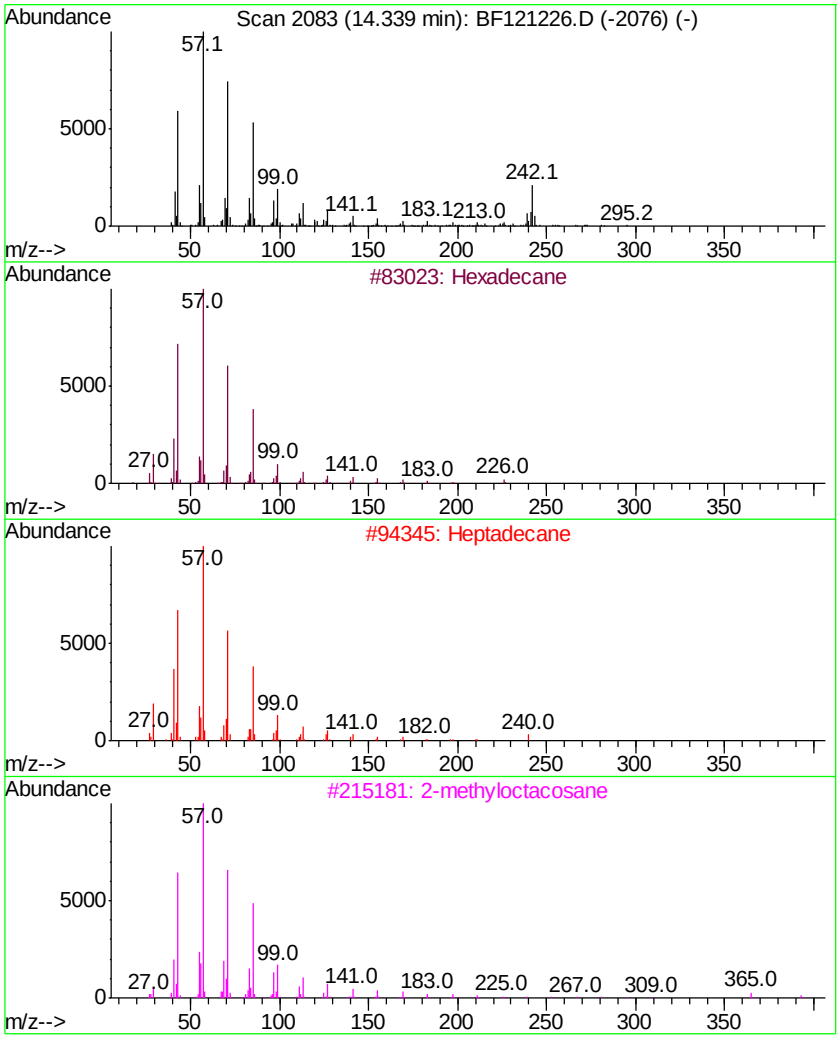
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

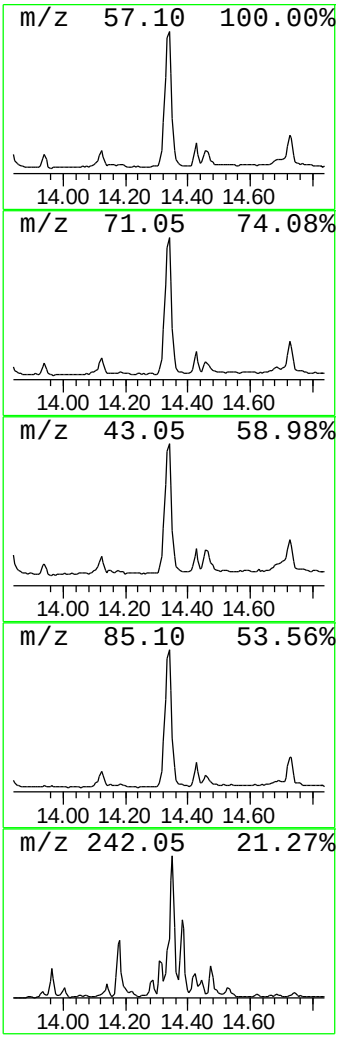
****

Peak Number 5 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	9.07 ng	914087	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	89
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hexacosane	366	C26H54	000630-01-3	81





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : CRT-017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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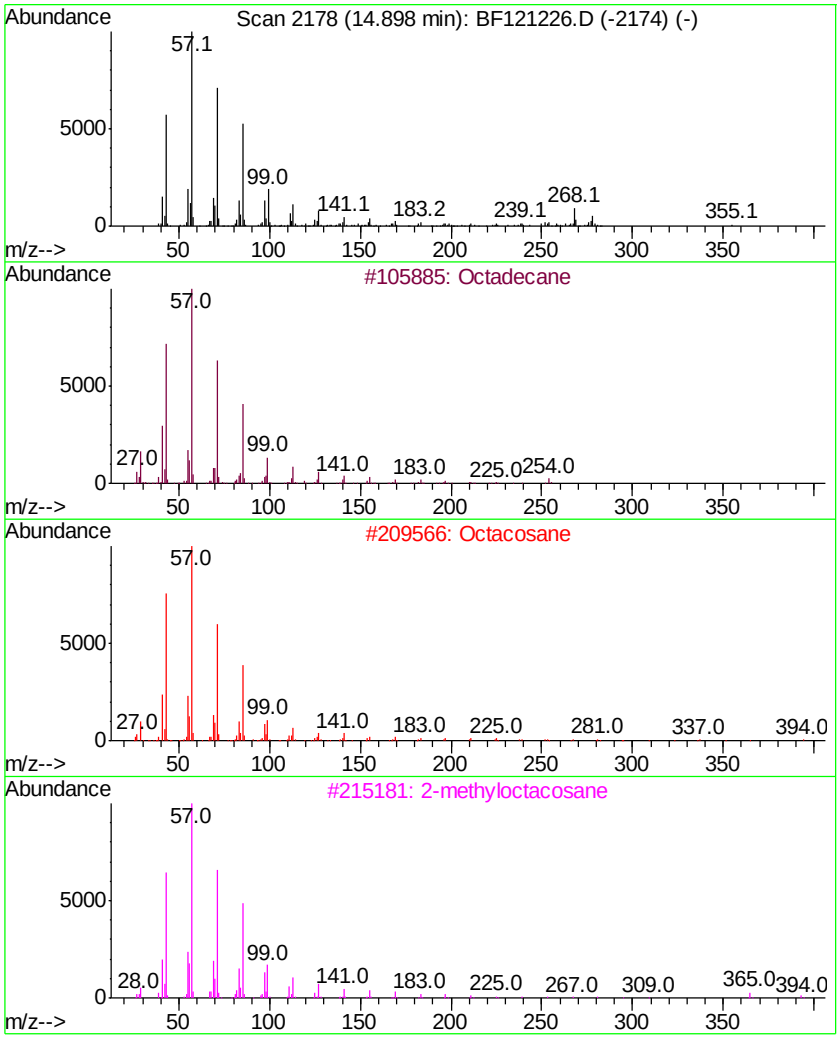
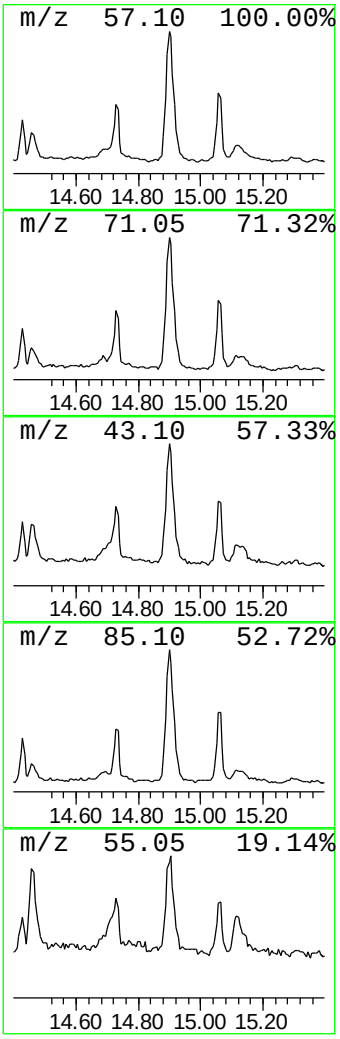
Peak Number 6 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	5.96 ng	415548	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	92
2	Octacosane	394	C28H58	000630-02-4	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

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Data File : BF121226.D
Acq On : 7 Aug 2020 11:13
Operator : JU/CG
Sample : L3548-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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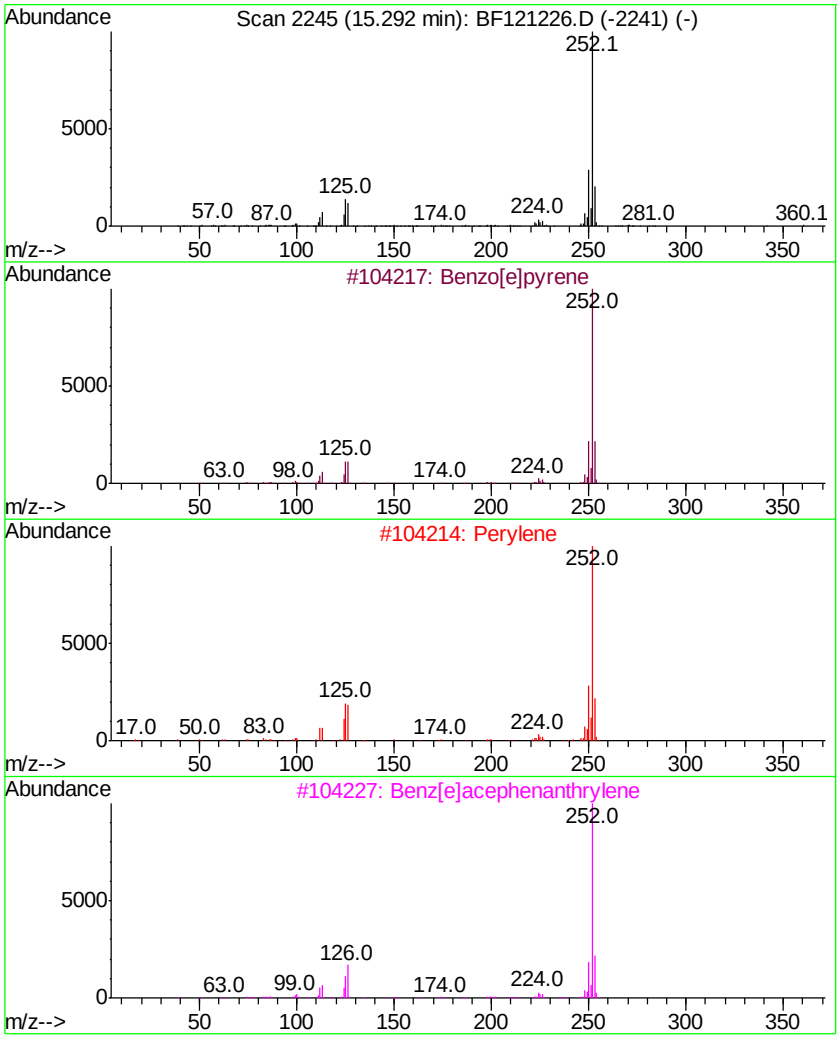
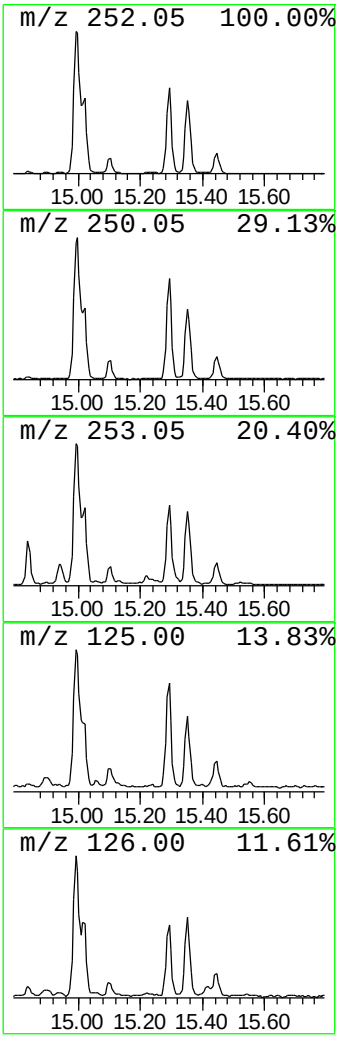
Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	5.52 ng	385022	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121226.D
Acq On : 7 Aug 2020 11:13
Operator : JU/CG
Sample : L3548-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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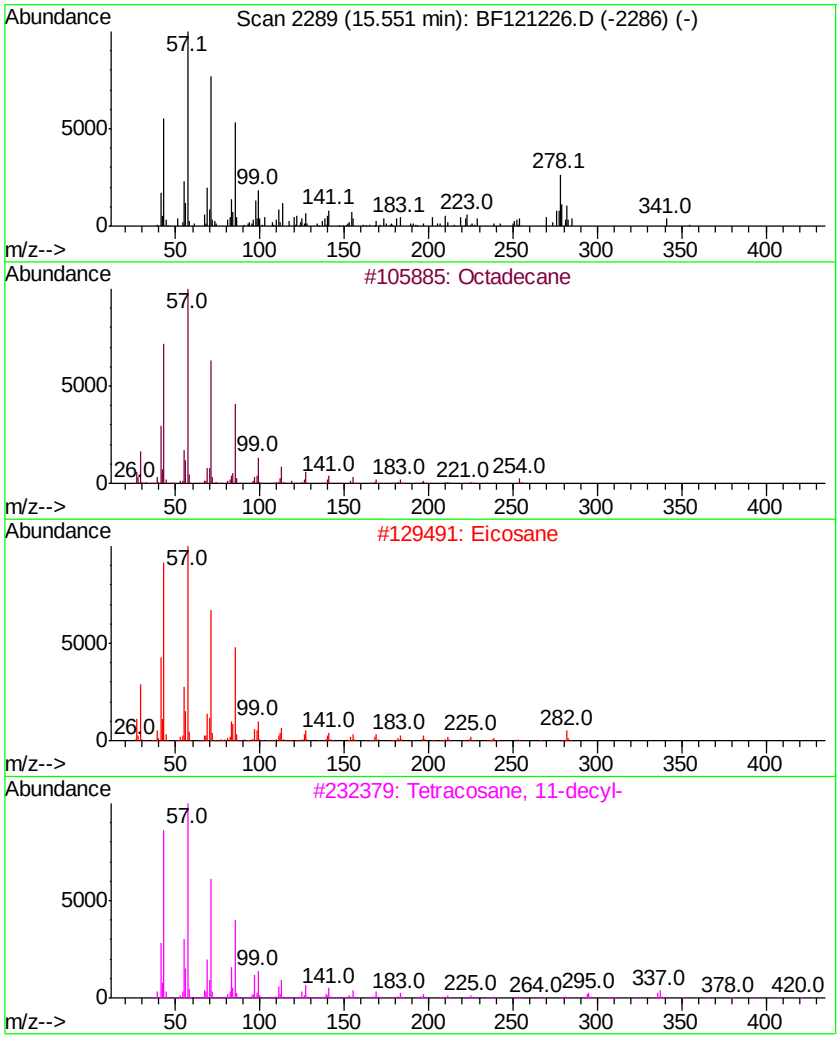
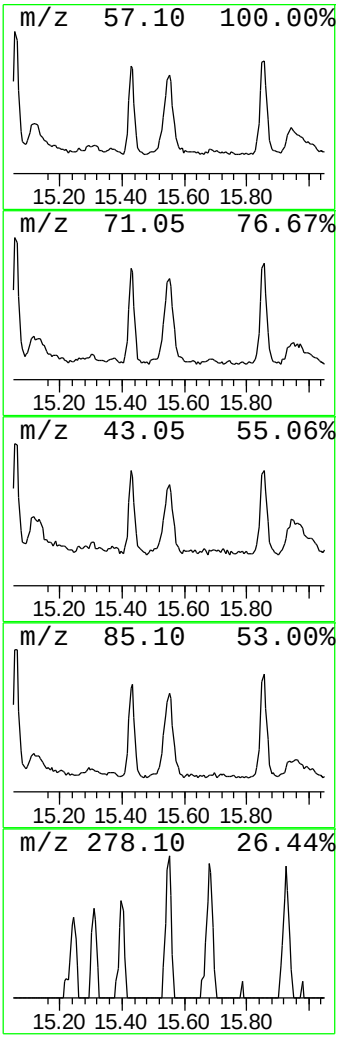
Peak Number 8 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	2.35 ng	163761	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Eicosane	282	C20H42	000112-95-8	62
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	58
4	Triacontane	422	C30H62	000638-68-6	58
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121226.D
Acq On : 7 Aug 2020 11:13
Operator : JU/CG
Sample : L3548-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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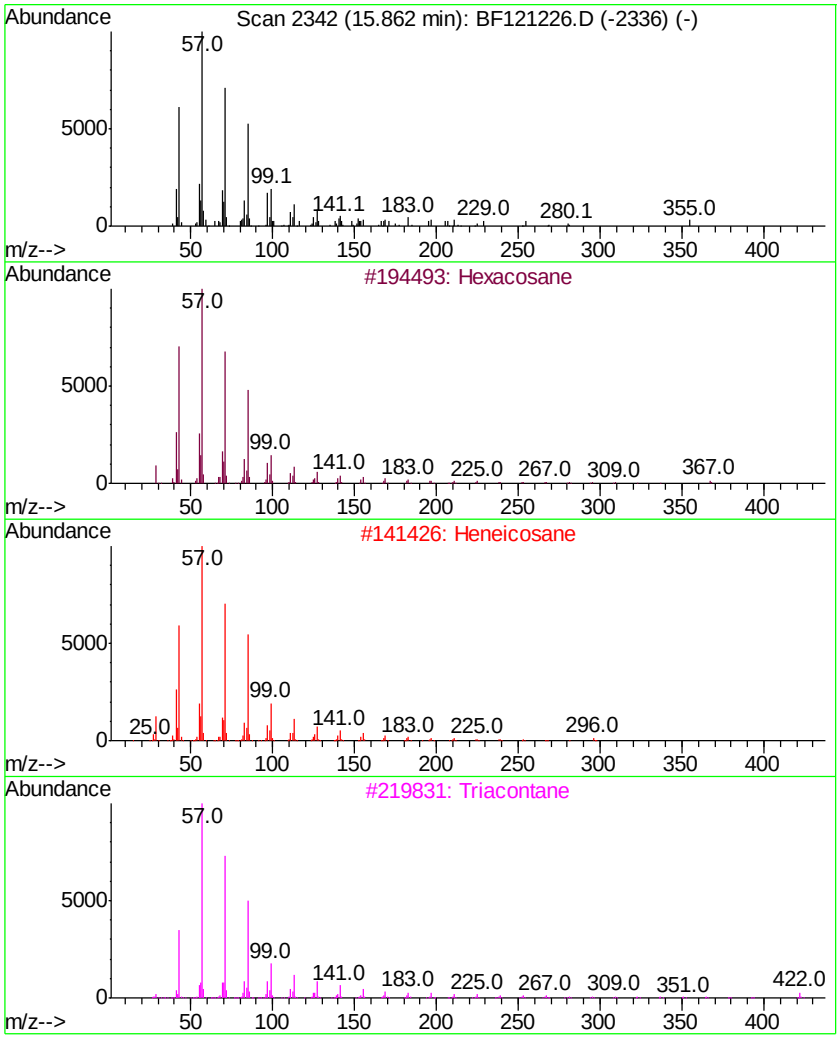
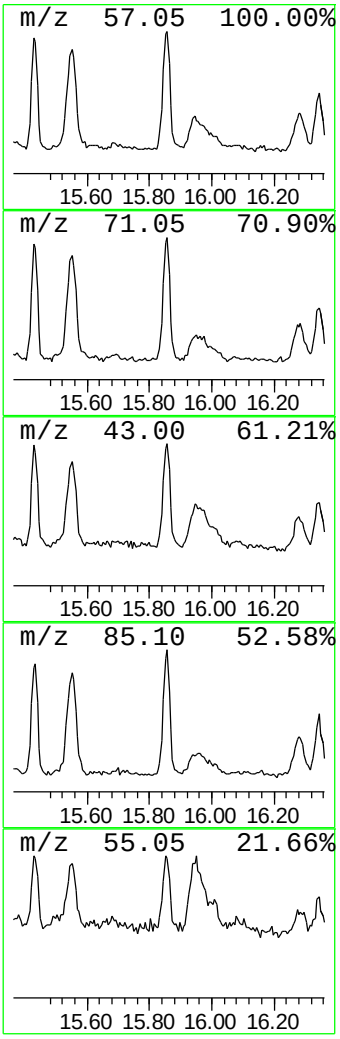
Peak Number 9 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.11 ng	147003	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121226.D
Acq On : 7 Aug 2020 11:13
Operator : JU/CG
Sample : L3548-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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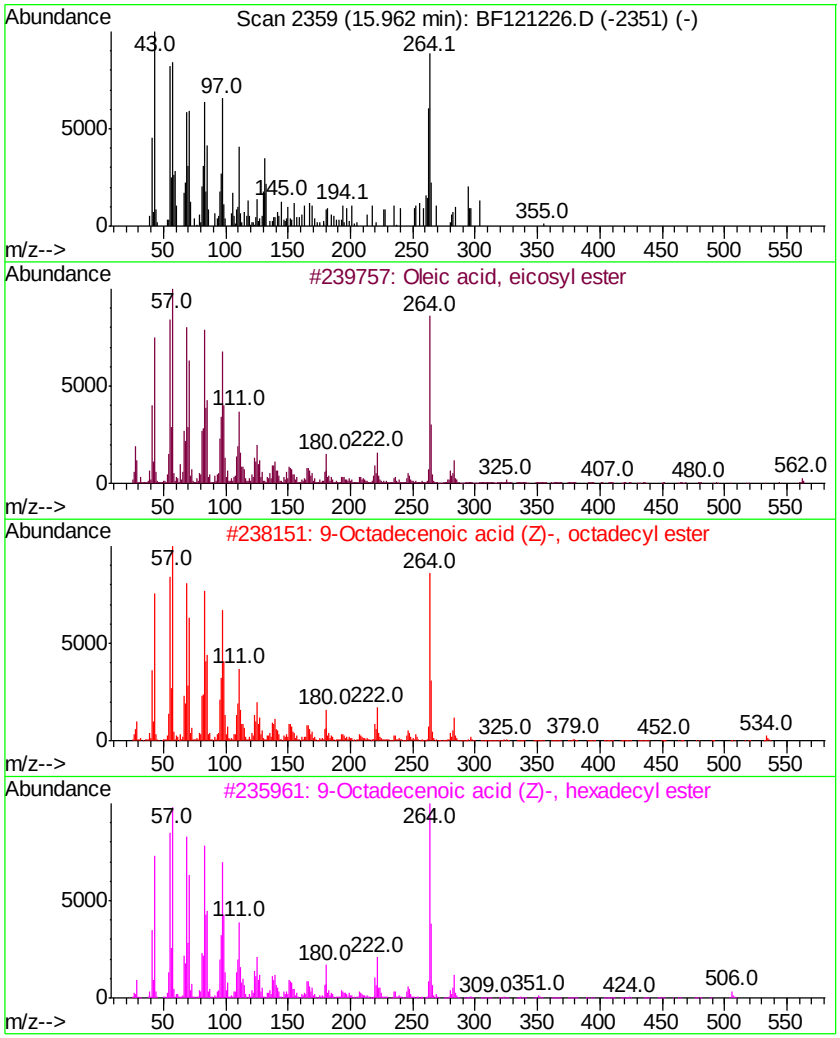
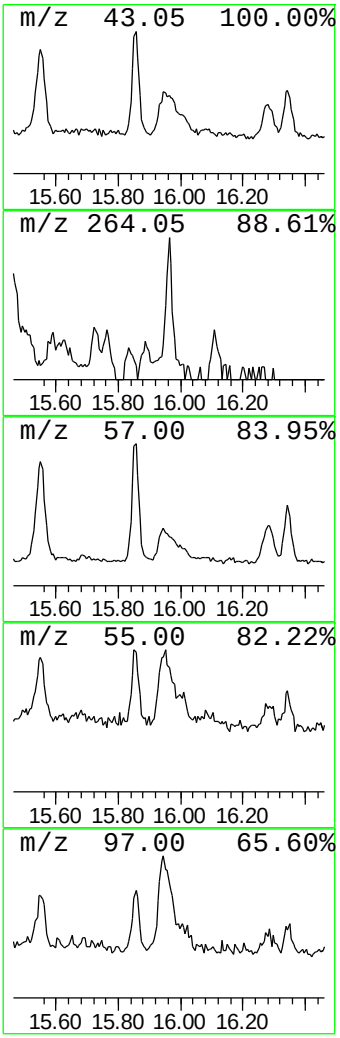
Peak Number 10 Oleic acid, eicosyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.89 ng	201436	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	53
2	9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	49
3	9-Octadecenoic acid (Z)-, hexade...	507	C34H66O2	022393-86-8	47
4	Cyclopentane, 1-(2-decyldodecyl)...	406	C29H58	055429-26-0	22
5	3,6-Dichlorocatechol, cyclic phe...	264	C12H7BCl2O2	1000293-25-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080720\
Data File : BF121226.D
Acq On : 7 Aug 2020 11:13
Operator : JU/CG
Sample : L3548-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
n-Hexadecanoic acid	11.86	3.8	ng	238267	4	11.32	1261390	20.0
11H-Benzo[b]fluorene	13.09	2.5	ng	254693	5	13.96	2014560	20.0
Heneicosane	13.68	8.1	ng	813688	5	13.96	2014560	20.0
1-Heneicosanol	13.82	6.2	ng	627867	5	13.96	2014560	20.0
Hexadecane	14.34	9.1	ng	914087	5	13.96	2014560	20.0
Octadecane	14.90	6.0	ng	415548	6	15.42	1395170	20.0
Benzo[e]pyrene	15.29	5.5	ng	385022	6	15.42	1395170	20.0
Eicosane	15.55	2.4	ng	163761	6	15.42	1395170	20.0
Hexacosane	15.86	2.1	ng	147003	6	15.42	1395170	20.0
Oleic acid, eicos...	15.96	2.9	ng	201436	6	15.42	1395170	20.0