LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112758.D
Acq On : 28 Feb 2019 13:21
Operator : JU/SJ
Sample : K1596-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-15

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-BF022719.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	5.351	550	555	558	rBV	3345978	3248368	98.03%	9.692%
2	6.375	724	729	742	rBV	3433557	3313520	100.00%	9.886%
3	6.510	748	752	756	rBV	3473938	3305176	99.75%	9.861%
4	6.745	788	792	795	rBV	1186038	960090	28.97%	2.865%
5	6.898	814	818	822	rBV	2742784	2449006	73.91%	7.307%
6	7.298	882	886	890	rBV	2101652	1997636	60.29%	5.960%
7	8.022	1006	1009	1013	rBV	1174080	1088408	32.85%	3.247%
8	9.098	1188	1192	1195	rBV	3414860	2777557	83.82%	8.287%
9	9.192	1203	1208	1212	rBV4	40839	53030	1.60%	0.158%
10	9.492	1256	1259	1261	rBV	217954	190484	5.75%	0.568%
11	9.633	1279	1283	1286	rBV	45517	47697	1.44%	0.142%
12	9.774	1303	1307	1311	rBV	1292851	1129544	34.09%	3.370%
13	9.980	1339	1342	1345	rVB2	45958	42704	1.29%	0.127%
14	10.557	1436	1440	1443	rBV	2399420	2113406	63.78%	6.306%
15	10.686	1460	1462	1464	rBV3	36497	38584	1.16%	0.115%
16	10.927	1499	1503	1505	rBV	50702	52852	1.60%	0.158%
17	11.121	1531	1536	1537	rBV5	37534	49943	1.51%	0.149%
18	11.251	1554	1558	1560	rBV	1470659	1194604	36.05%	3.564%
19	11.274	1560	1562	1565	rVB	391856	289568	8.74%	0.864%
20	11.321	1565	1570	1573	rBV2	128017	163094	4.92%	0.487%
21	11.351	1573	1575	1583	rBV7	20878	39734	1.20%	0.119%
22	11.751	1641	1643	1645	rBV	77329	57833	1.75%	0.173%
23	11.792	1645	1650	1653	rBV2	745944	784240	23.67%	2.340%
24	11.863	1658	1662	1664	rVV2	122286	144170	4.35%	0.430%
25	11.880	1664	1665	1668	rVB	63786	51318	1.55%	0.153%
26	12.045	1690	1693	1695	rBV	62080	58903	1.78%	0.176%
27	12.298	1733	1736	1739	rBV	134560	129231	3.90%	0.386%
28	12.380	1748	1750	1755	rBV3	44142	53811	1.62%	0.161%
29	12.457	1760	1763	1767	rBV	828243	667778	20.15%	1.992%
30	12.574	1780	1783	1787	rBV	400632	407279	12.29%	1.215%
31	12.680	1796	1801	1804	rBV	683388	736756	22.23%	2.198%
32	12.833	1823	1827	1830	rBV	3319110	2881059	86.95%	8.596%
33	13.115	1873	1875	1877	rBV	89147	69973	2.11%	0.209%
34	13.733	1978	1980	1988	rVB2	306472	363456	10.97%	1.084%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112758.D
Acq On : 28 Feb 2019 13:21
Operator : JU/SJ
Sample : K1596-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-15

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.874	2000	2004	2007	rBV2	1392650	1616936	48.80%	4.824%
36	13.904	2007	2009	2013	rVB	307491	253151	7.64%	0.755%
37	15.292	2242	2245	2248	rVB	637707	695615	20.99%	2.075%

Sum of corrected areas: 33516514

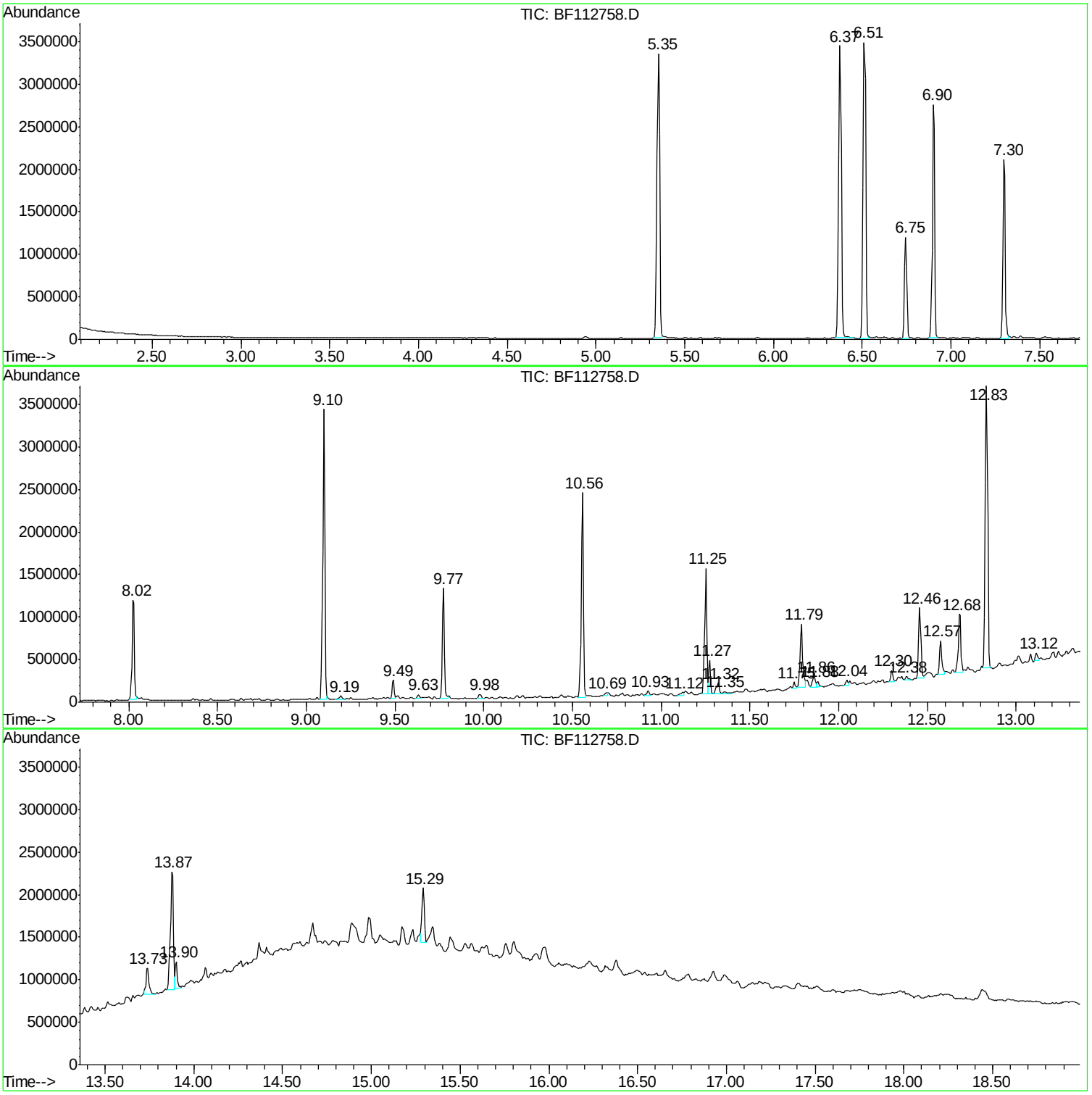
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112758.D
Acq On : 28 Feb 2019 13:21
Operator : JU/SJ
Sample : K1596-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF022819\
Data File : BF112758.D
Acq On : 28 Feb 2019 13:21
Operator : JU/SJ
Sample : K1596-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

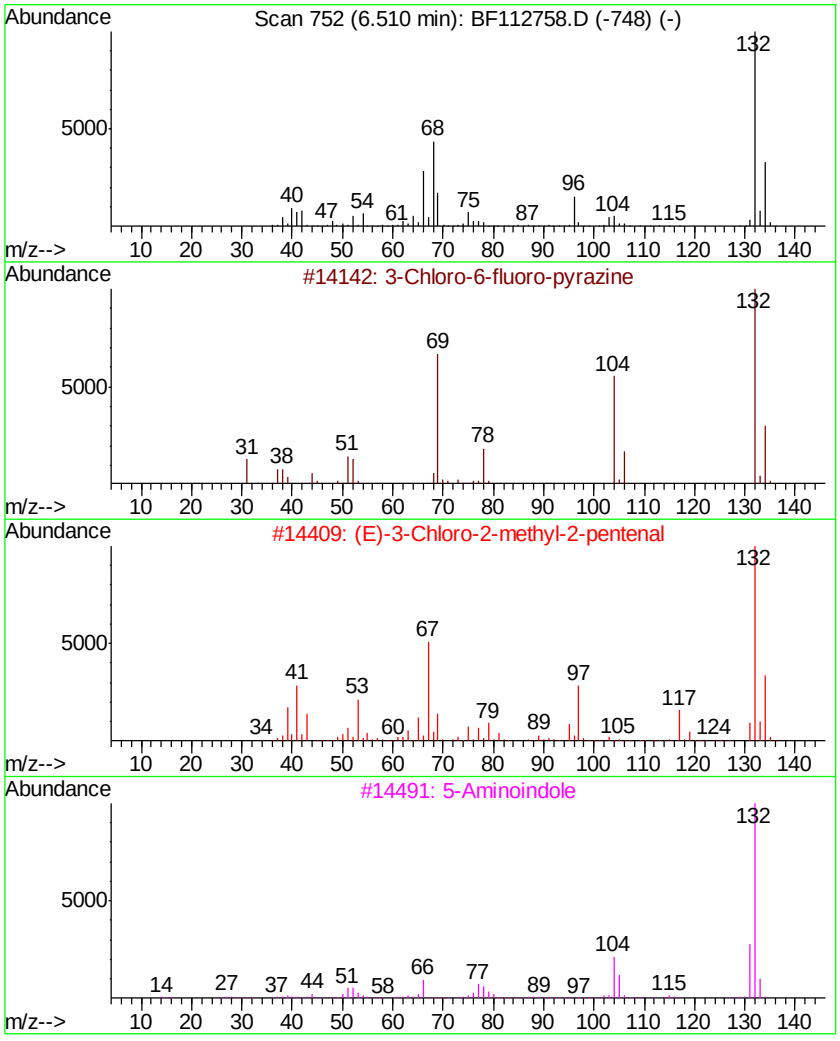
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

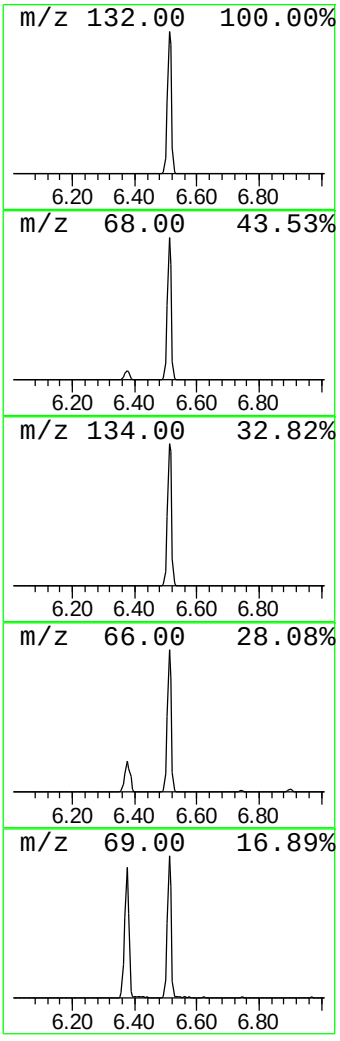
****

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	68.85 ng	3305180	1,4-Dichlorobenzene-d4	6.75

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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112758.D
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Sample : K1596-03
Misc :
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Instrument : BNA_F
ClientSampleId : COMP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

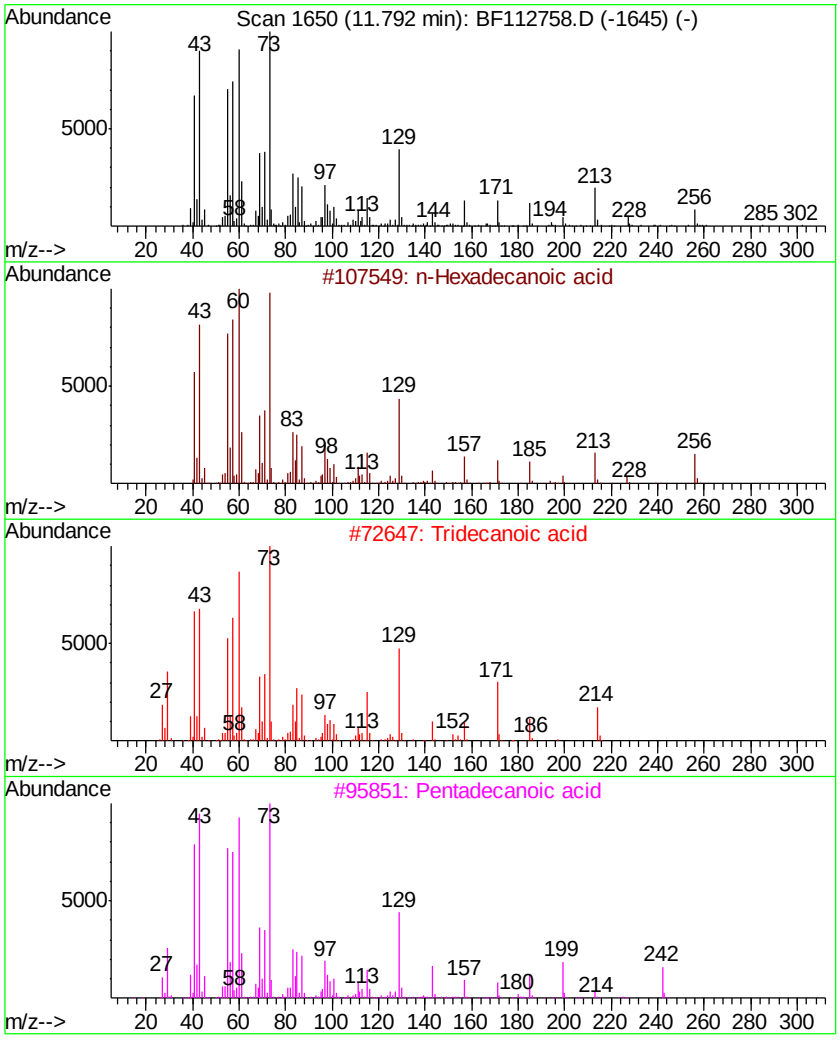
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

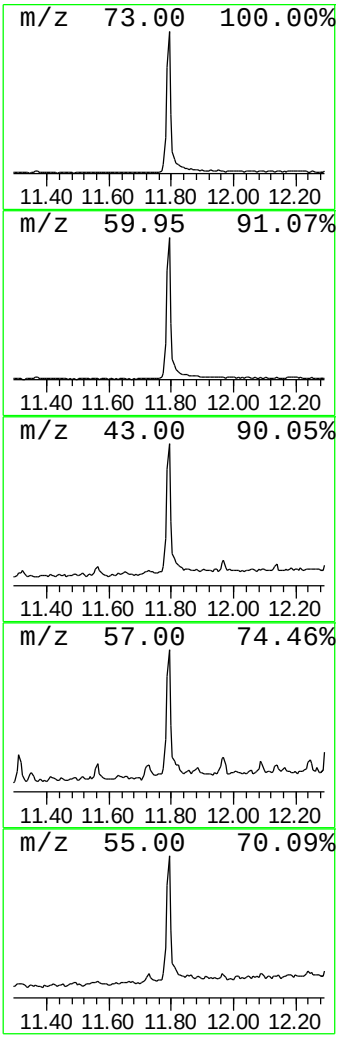
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	13.13 ng	784240	Phenanthrene-d10	11.25

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112758.D
Acq On : 28 Feb 2019 13:21
Operator : JU/SJ
Sample : K1596-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

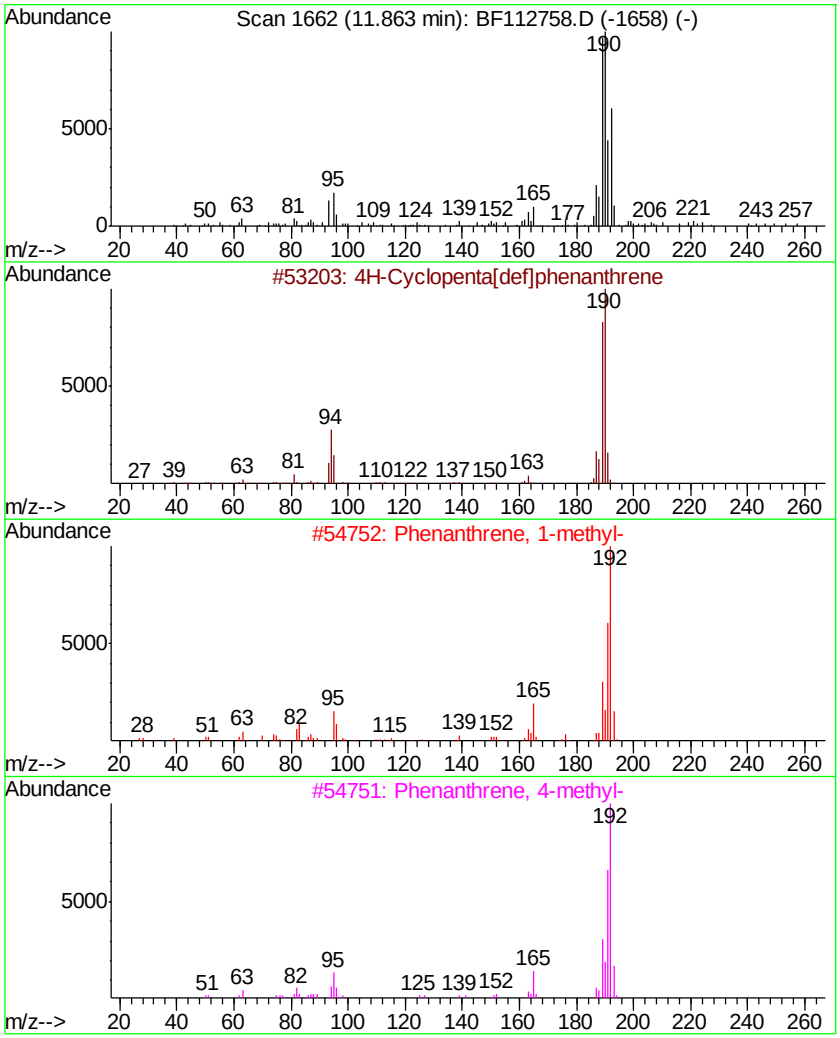
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

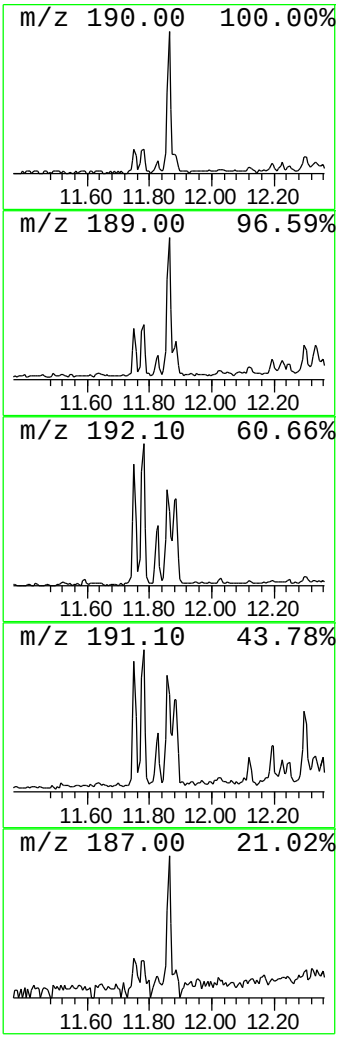
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.41 ng	144170	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	30
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112758.D
Acq On : 28 Feb 2019 13:21
Operator : JU/SJ
Sample : K1596-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

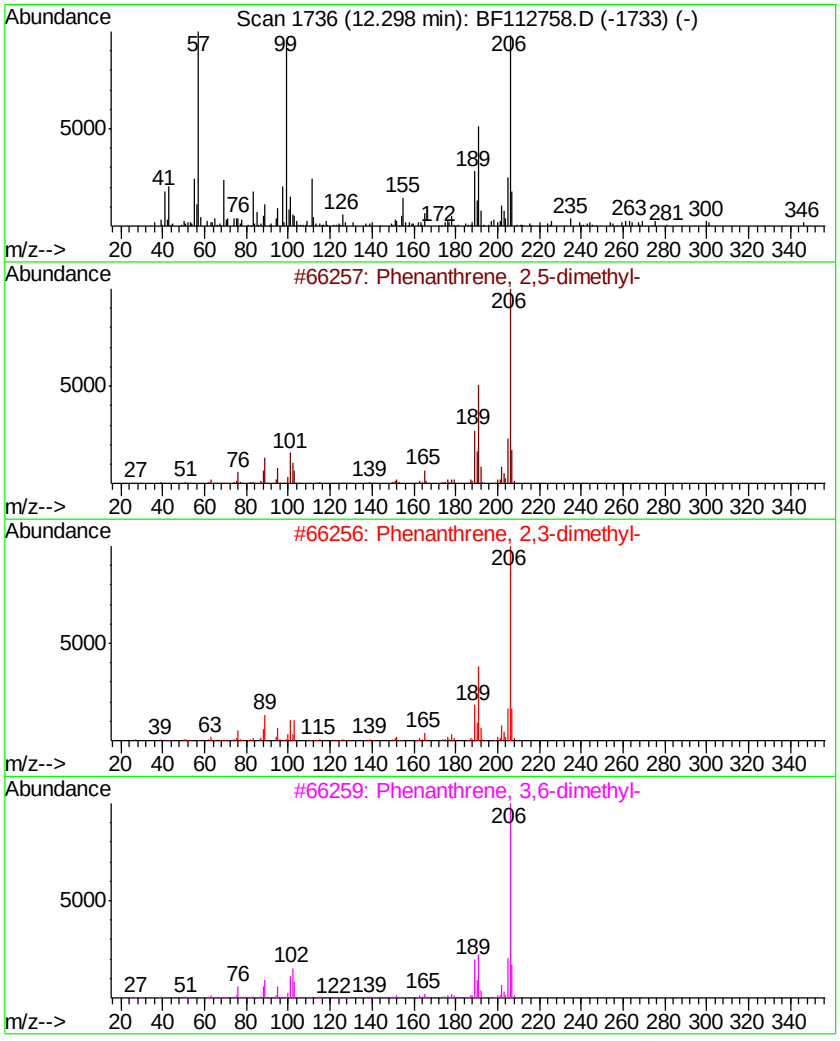
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

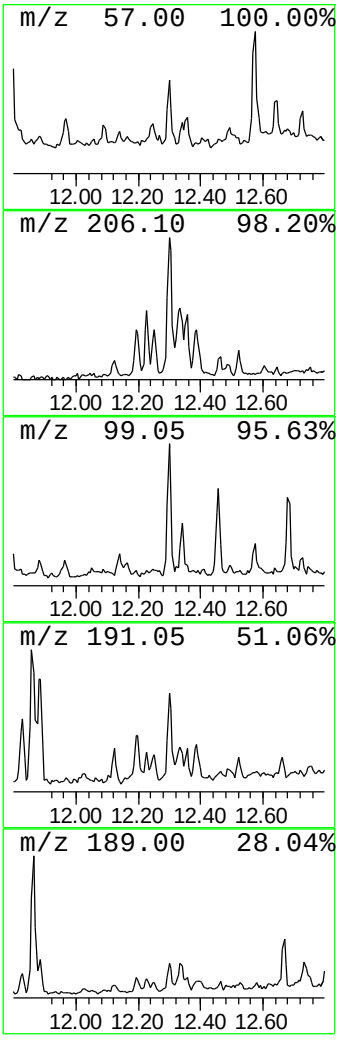
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.16 ng	129231	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	50





Library Search Compound Report

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Sample : K1596-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

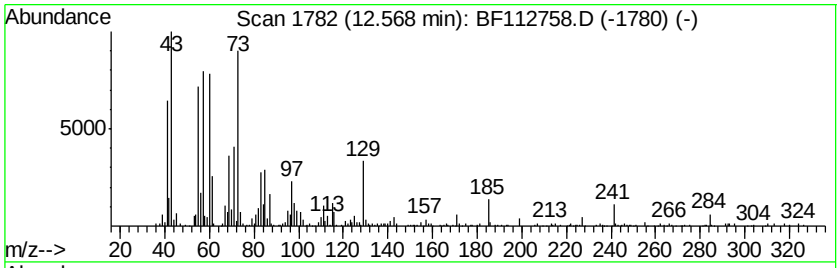
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

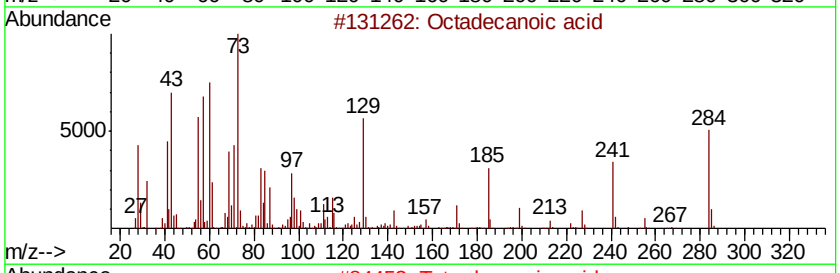
****

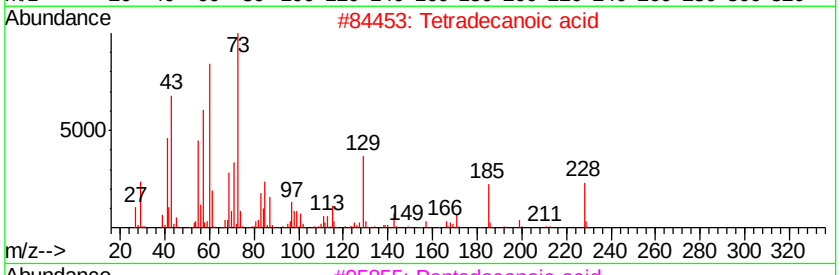
Peak Number 6 Octadecanoic acid Concentration Rank 4

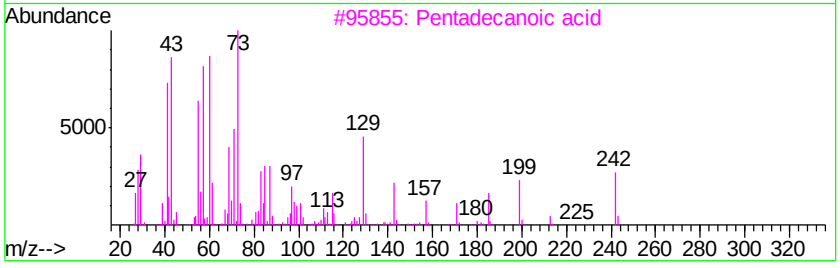
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.04 ng	407279	Chrysene-d12	13.88

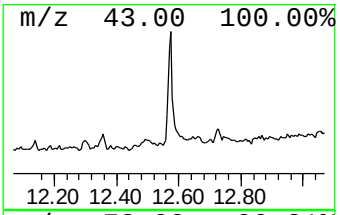
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decyl .alpha.-d-2-deoxyglucoside	304	C16H32O5	1000211-42-8	45

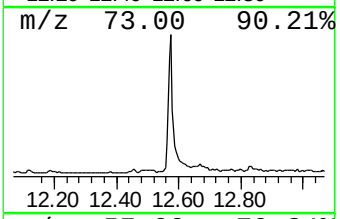


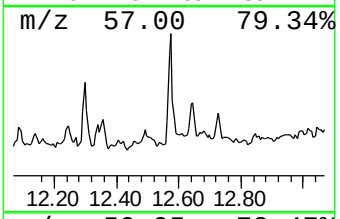


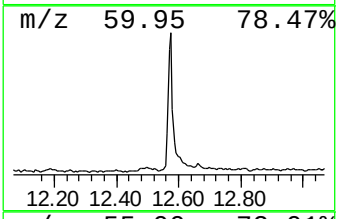


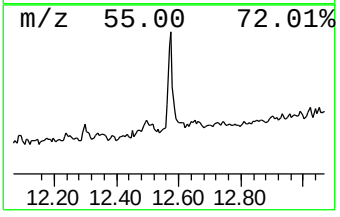












Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

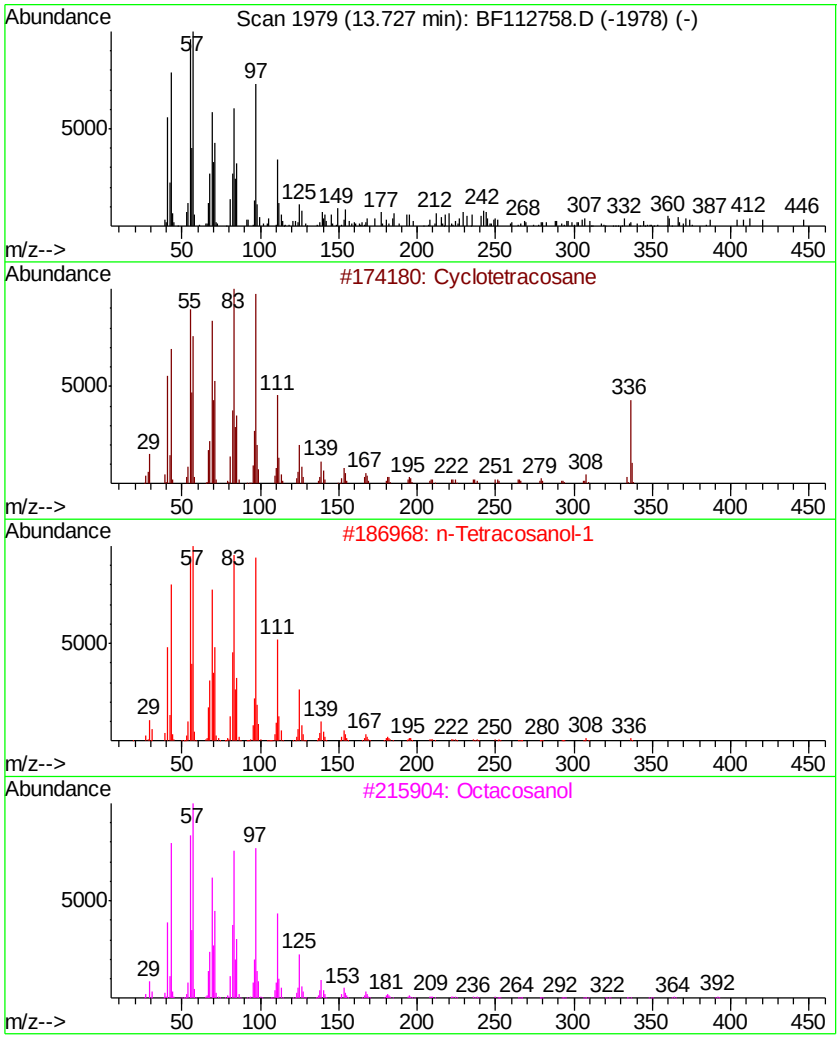
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

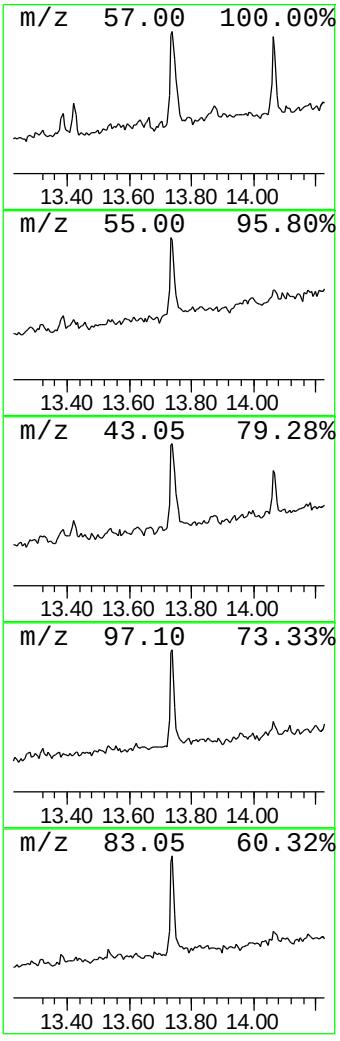
****

Peak Number 7 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.50 ng	363456	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Octacosanol	410	C28H58O	000557-61-9	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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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
unknown6.51	6.51	68.8	ng	3305180	1	6.75	960090	20.0
n-Hexadecanoic acid	11.79	13.1	ng	784240	4	11.25	1194600	20.0
4H-Cyclopenta[def...	11.86	2.4	ng	144170	4	11.25	1194600	20.0
Phenanthrene, 2,5...	12.30	2.2	ng	129231	4	11.25	1194600	20.0
Octadecanoic acid	12.57	5.0	ng	407279	5	13.88	1616940	20.0
Cyclotetracosane	13.73	4.5	ng	363456	5	13.88	1616940	20.0