LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115199.D
Acq On : 25 Jun 2019 20:38
Operator : HP/JU
Sample : K3510-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062419

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	4.442	421	426	431	rBV	85504	100588	2.29%	0.262%
2	5.201	550	555	558	rBV	3385978	3146877	71.52%	8.184%
3	6.242	727	732	735	rBV	3445187	3157410	71.76%	8.211%
4	6.278	735	738	746	rVB	80839	90580	2.06%	0.236%
5	6.378	750	755	758	rBV	3390373	3386680	76.97%	8.807%
6	6.607	791	794	798	rBV	1247298	1031915	23.45%	2.684%
7	6.766	817	821	824	rBV	3439089	2777545	63.12%	7.223%
8	7.166	884	889	892	rBV	2331692	2038538	46.33%	5.301%
9	7.889	1008	1012	1015	rBV	1582888	1231469	27.99%	3.203%
10	8.966	1191	1195	1210	rBV	4041574	3803767	86.45%	9.892%
11	9.101	1215	1218	1227	rVB	40639	61080	1.39%	0.159%
12	9.360	1258	1262	1271	rBV	385958	407528	9.26%	1.060%
13	9.636	1305	1309	1324	rBV	1414135	1415532	32.17%	3.681%
14	10.413	1437	1441	1456	rBV	2775057	2629016	59.75%	6.837%
15	11.107	1555	1559	1562	rBV	1890705	1614536	36.69%	4.199%
16	11.654	1650	1652	1660	rVB2	54677	64801	1.47%	0.169%
17	12.307	1759	1763	1768	rBV	309587	291213	6.62%	0.757%
18	12.442	1782	1786	1796	rBV2	157800	276757	6.29%	0.720%
19	12.530	1796	1801	1804	rVB	285860	289424	6.58%	0.753%
20	12.689	1824	1828	1831	rBV	4867346	4400081	100.00%	11.443%
21	12.860	1851	1857	1862	rVB2	36087	57026	1.30%	0.148%
22	13.471	1957	1961	1965	rBV2	33762	49055	1.11%	0.128%
23	13.613	1982	1985	1989	rBV2	48178	50624	1.15%	0.132%
24	13.724	1996	2004	2007	rBV	1977369	2037442	46.30%	5.298%
25	13.748	2007	2008	2011	rVB	168815	98464	2.24%	0.256%
26	13.930	2036	2039	2043	rVB3	76884	67798	1.54%	0.176%
27	14.230	2087	2090	2095	rBV	126471	135364	3.08%	0.352%
28	14.524	2137	2140	2144	rBV	193518	183185	4.16%	0.476%
29	14.589	2148	2151	2155	rVB	137317	122410	2.78%	0.318%
30	14.712	2168	2172	2175	rBV	166741	222654	5.06%	0.579%
31	14.824	2186	2191	2199	rVB2	231950	280912	6.38%	0.731%
32	14.977	2213	2217	2221	rBV	83448	90624	2.06%	0.236%
33	15.030	2222	2226	2230	rVV	127207	154567	3.51%	0.402%
34	15.089	2231	2236	2244	rVV	1585128	1880655	42.74%	4.891%

LSC Area Percent Report

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Sample : K3510-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062419

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	15.159	2244	2248	2256	rVB	214273	282132	6.41%	0.734%
36	15.542	2308	2313	2321	rBV	167335	247204	5.62%	0.643%
37	15.983	2383	2388	2395	rBV2	75780	131837	3.00%	0.343%
38	16.348	2446	2450	2459	rVB2	48399	91972	2.09%	0.239%
39	16.495	2472	2475	2481	rVB4	30968	53999	1.23%	0.140%

Sum of corrected areas: 38453261

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
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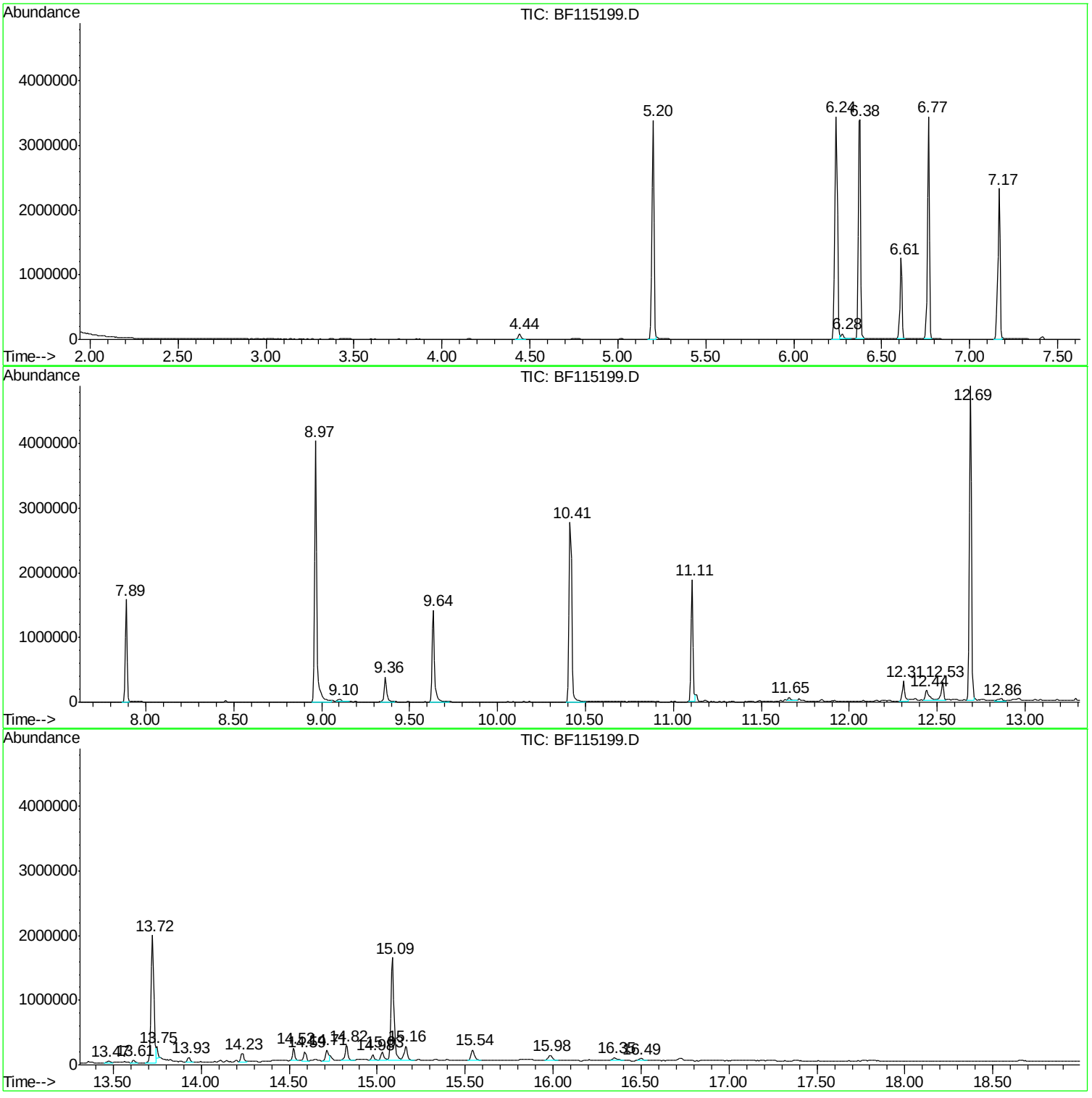
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-062419

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115199.D
Acq On : 25 Jun 2019 20:38
Operator : HP/JU
Sample : K3510-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062419

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

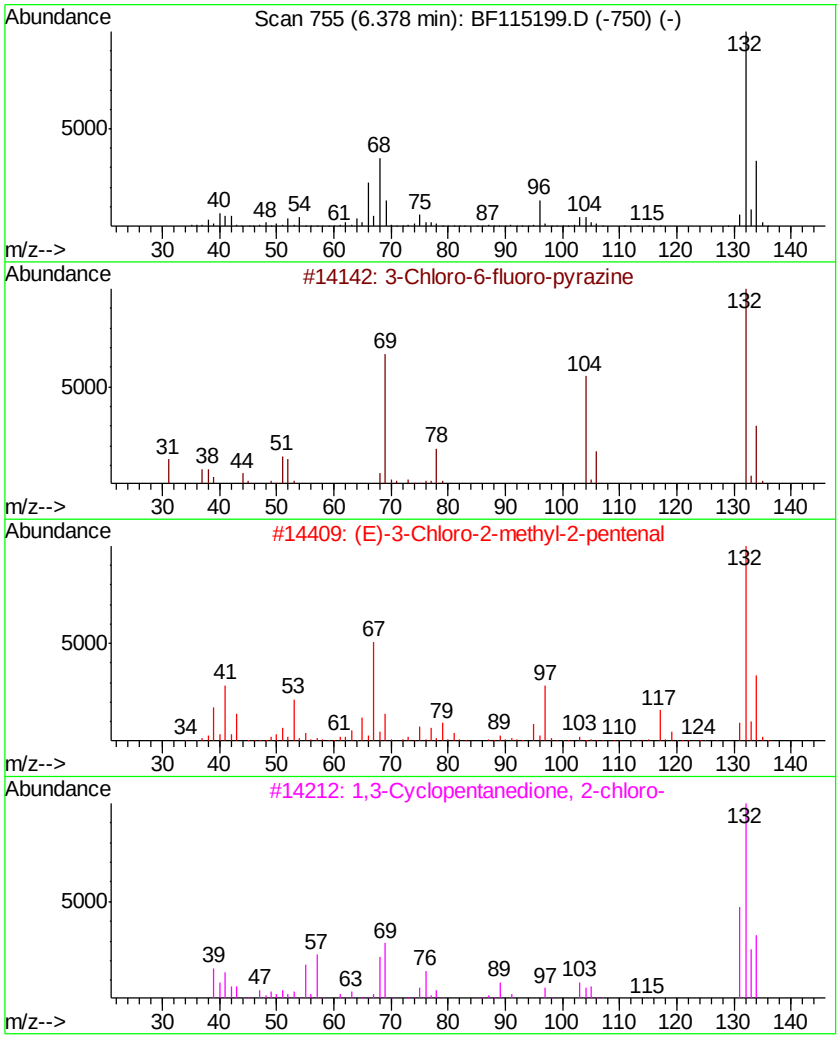
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

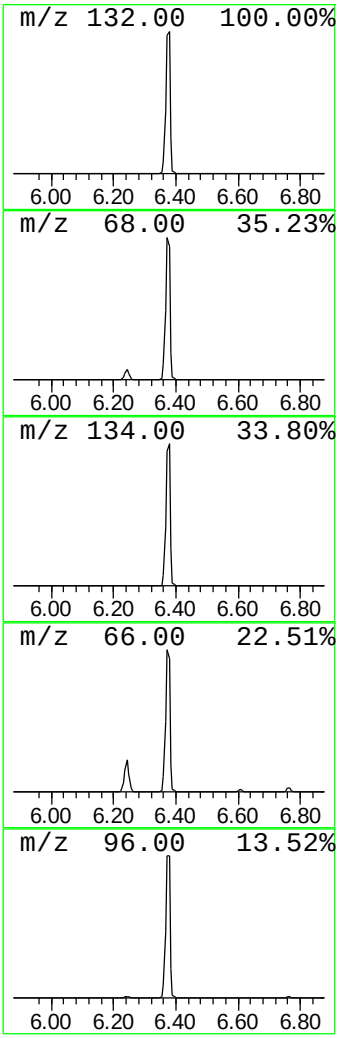
****

Peak Number 1 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	65.64 ng	3386680	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115199.D
Acq On : 25 Jun 2019 20:38
Operator : HP/JU
Sample : K3510-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062419

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

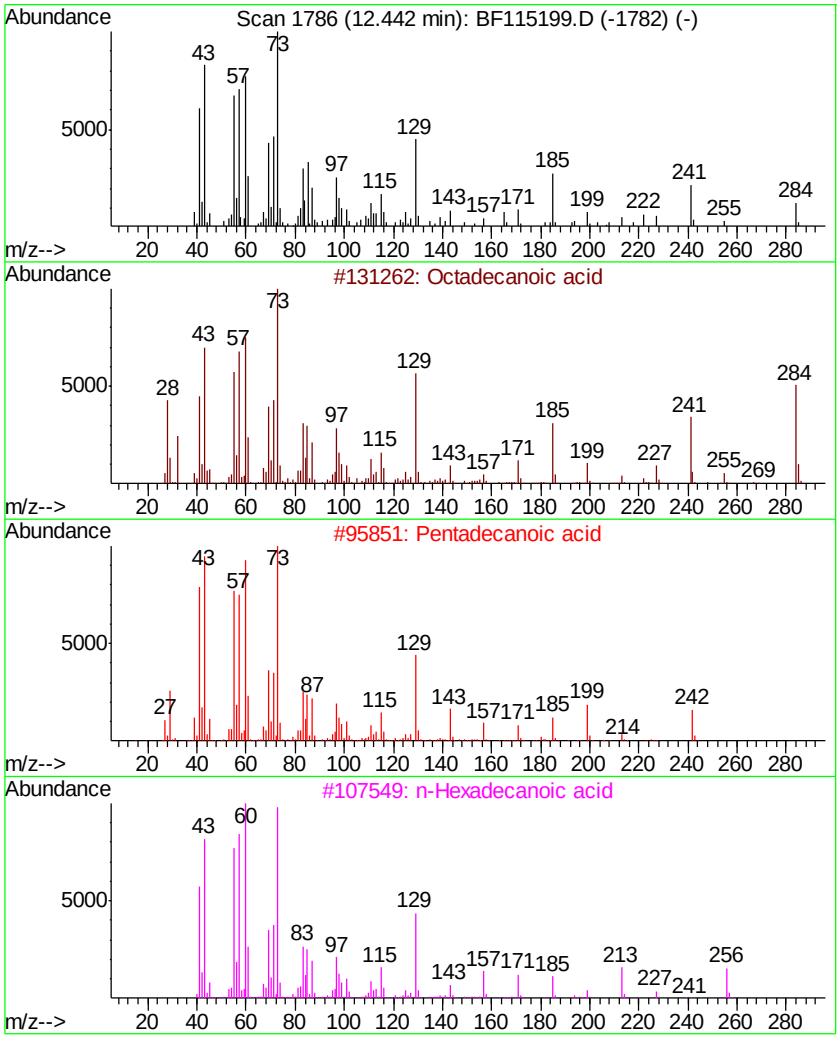
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

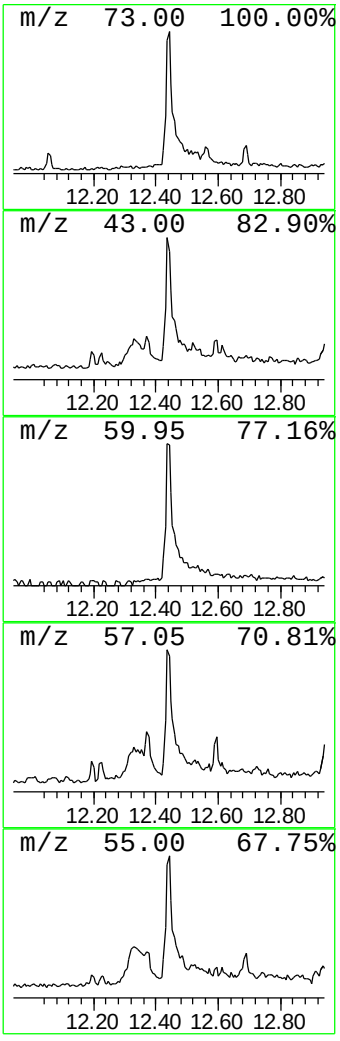
****

Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.72 ng	276757	Chrysene-d12	13.72

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115199.D
Acq On : 25 Jun 2019 20:38
Operator : HP/JU
Sample : K3510-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062419

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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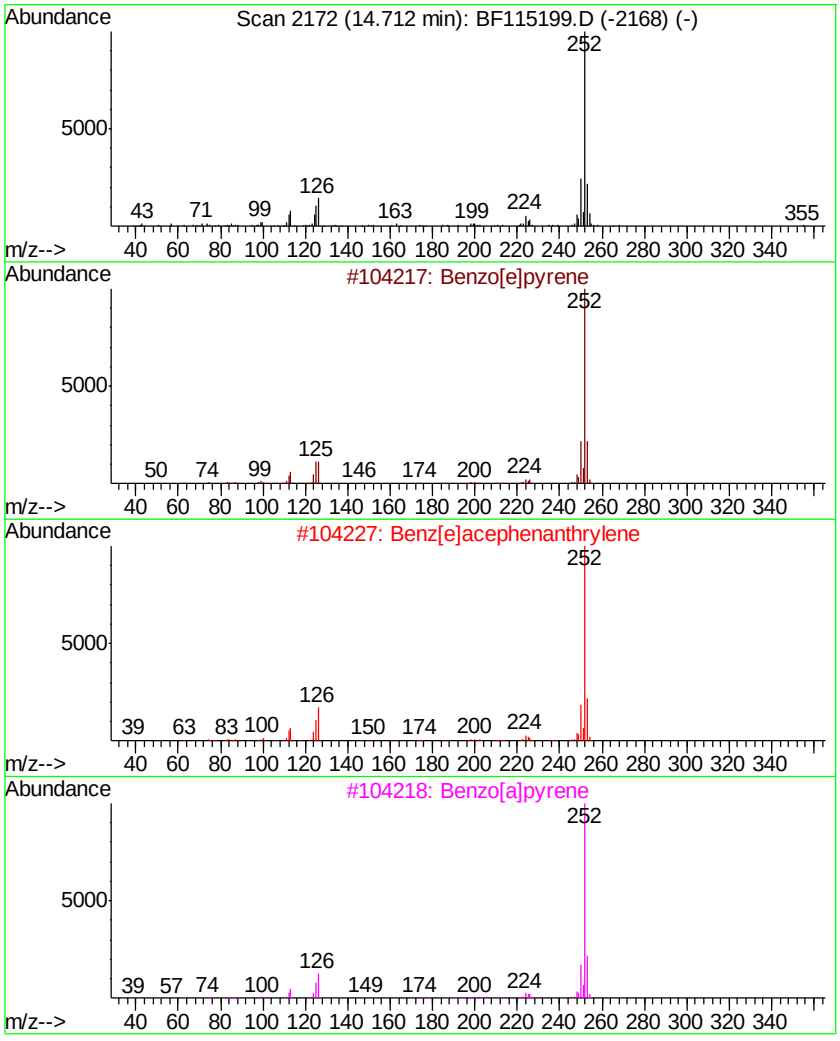
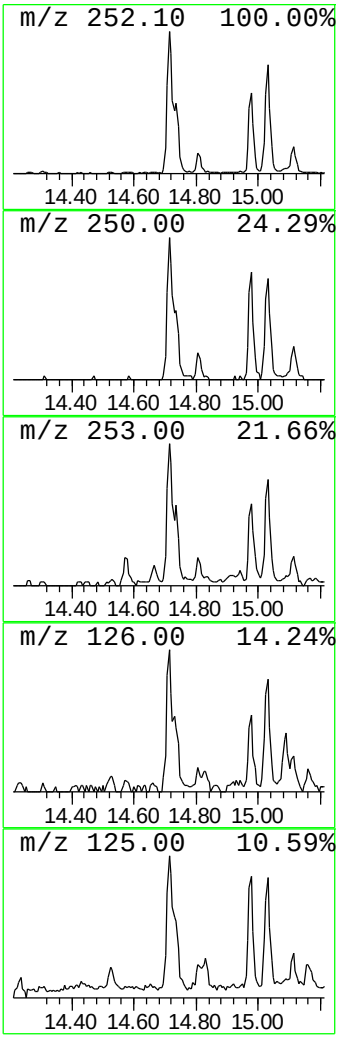
Peak Number 4 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.37 ng	222654	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115199.D
Acq On : 25 Jun 2019 20:38
Operator : HP/JU
Sample : K3510-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062419

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

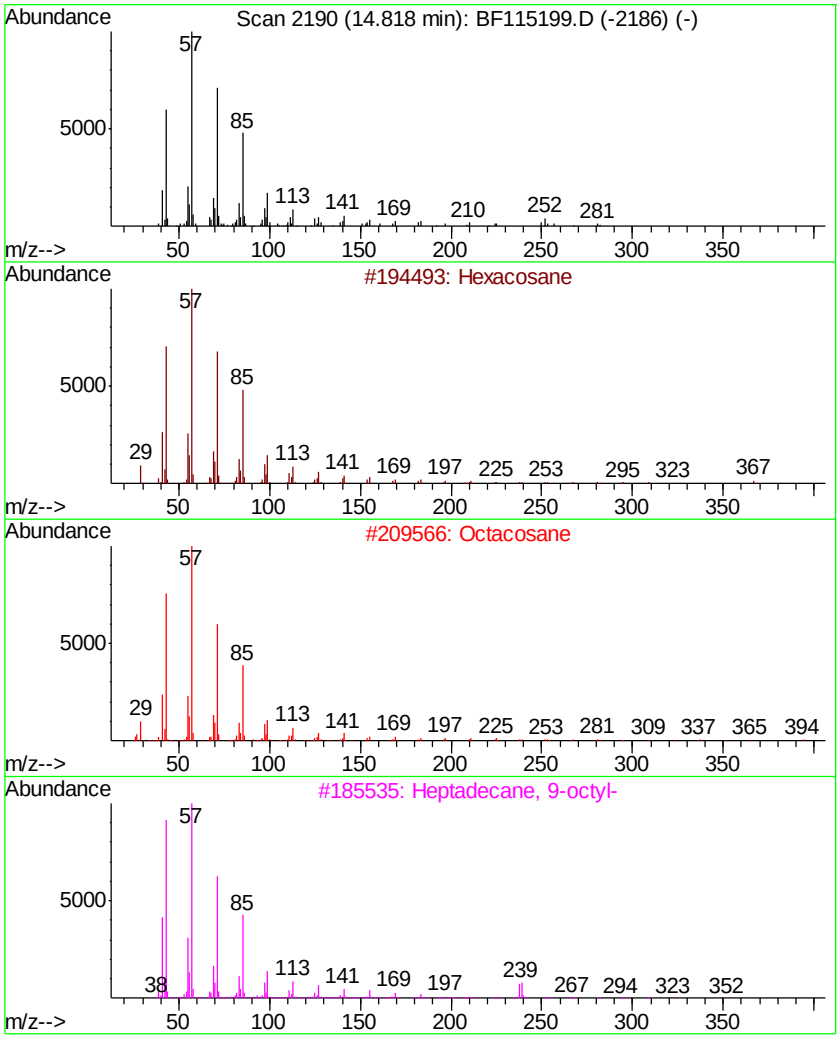
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

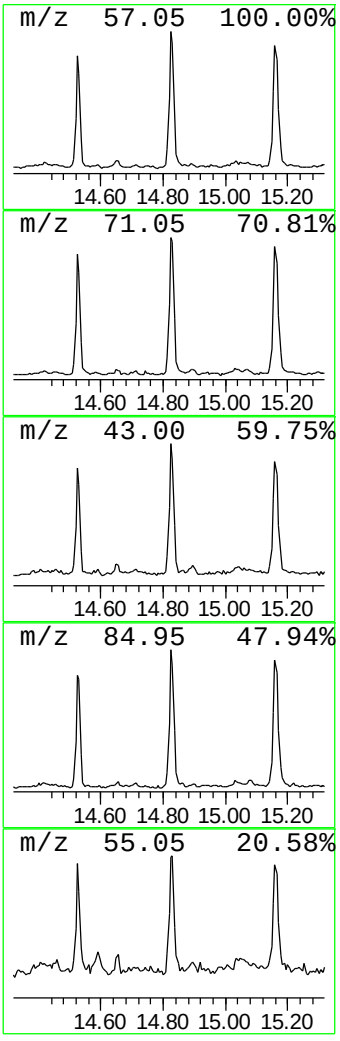
****

Peak Number 5 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.99 ng	280912	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91





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Data File : BF115199.D
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Operator : HP/JU
Sample : K3510-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062419

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

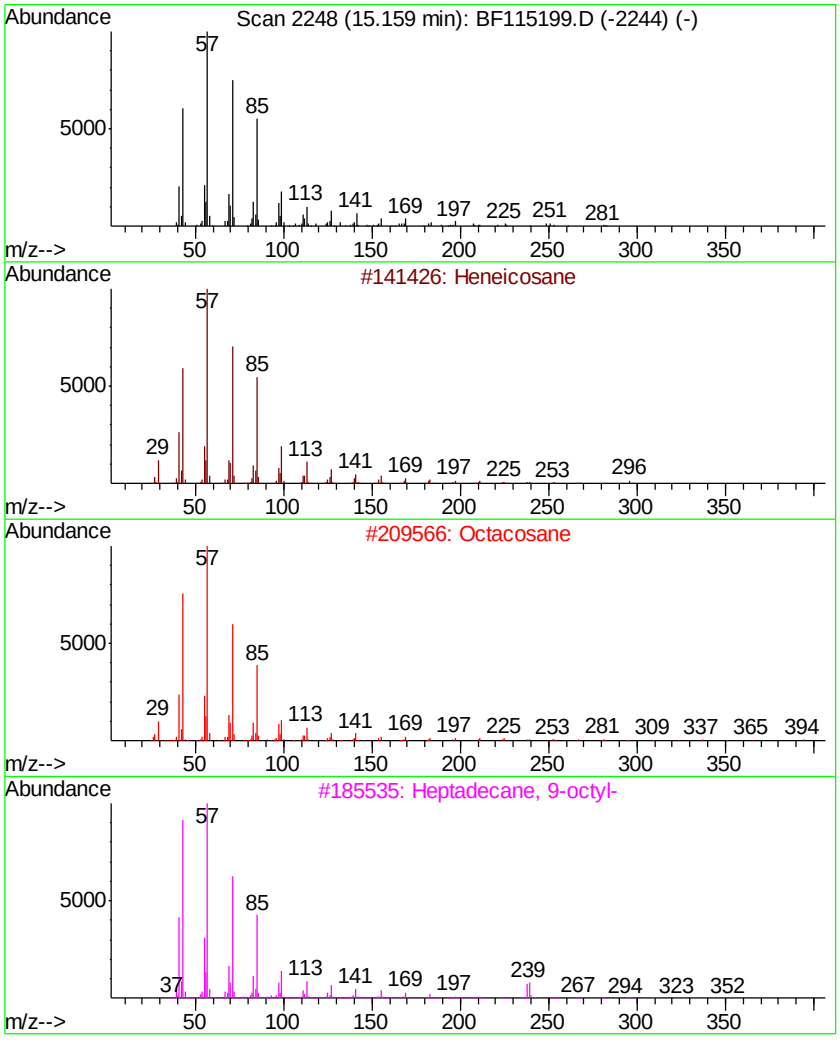
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

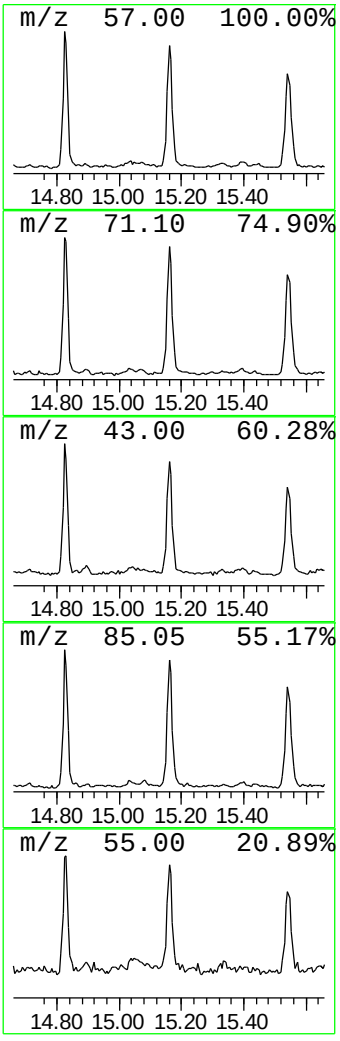
****

Peak Number 6 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.00 ng	282132	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Docosane	310	C22H46	000629-97-0	91
5	Triacontane	422	C30H62	000638-68-6	91





Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-062419

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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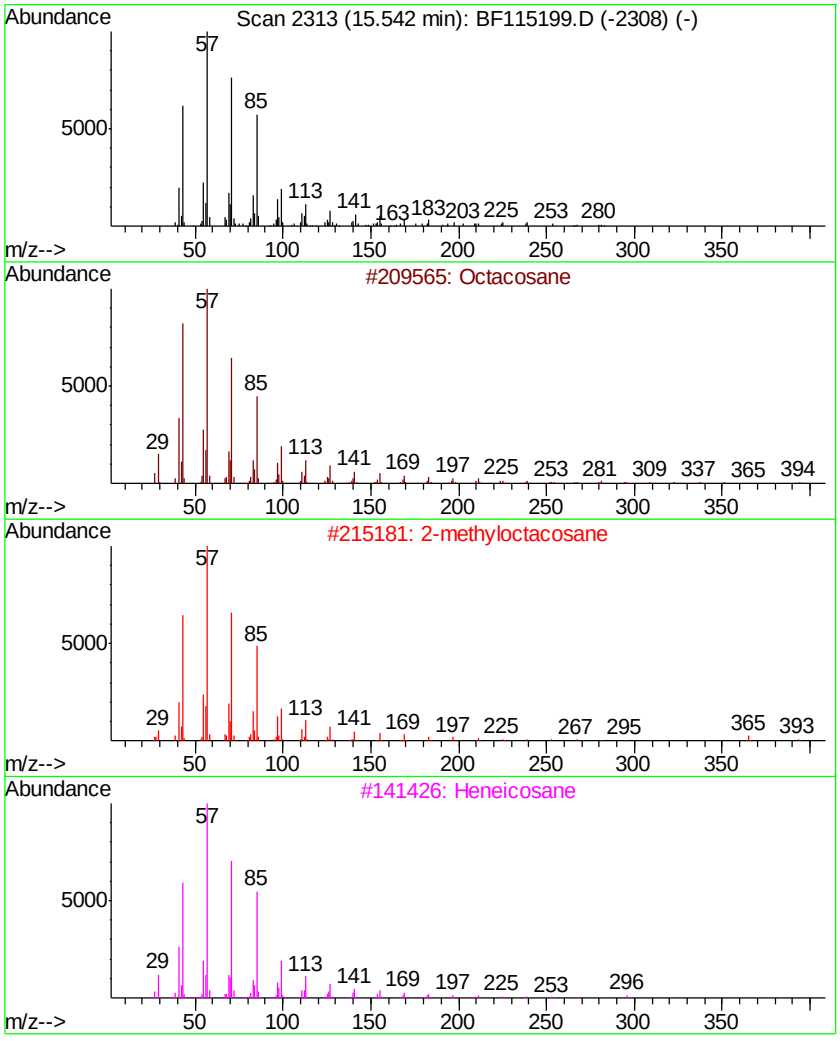
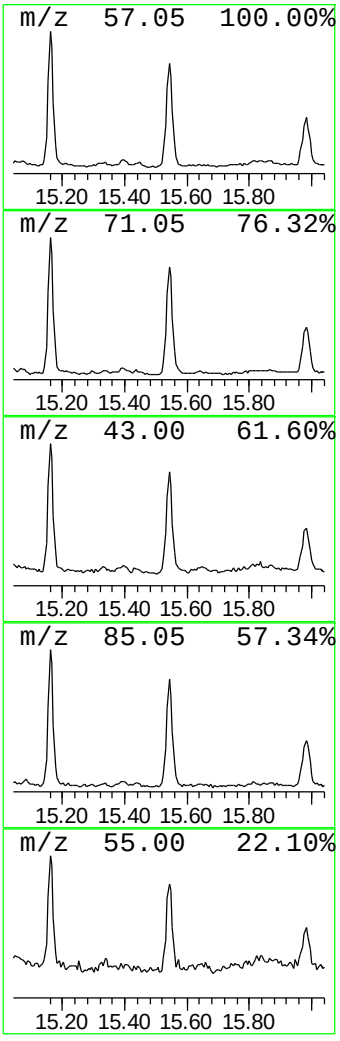
Peak Number 7 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	2.63 ng	247204	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
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Misc :
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Instrument : BNA_F
ClientSampleId : TR-04-062419

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
unknown6.38	6.38	65.6	ng	3386680	1	6.61	1031920	20.0
Octadecanoic acid	12.44	2.7	ng	276757	5	13.72	2037440	20.0
Benzo[e]pyrene	14.71	2.4	ng	222654	6	15.09	1880660	20.0
Hexacosane	14.82	3.0	ng	280912	6	15.09	1880660	20.0
Octacosane	15.16	3.0	ng	282132	6	15.09	1880660	20.0
2-methyloctacosane	15.54	2.6	ng	247204	6	15.09	1880660	20.0