LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
Data File : BF114292.D
Acq On : 15 May 2019 18:47
Operator : JU/SJ
Sample : K2852-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-CURB

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-BF051019.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	2.152	6	11	36	rVB	1500748	2759969	15.60%	3.260%
2	3.581	247	254	264	rBV	322794	522006	2.95%	0.617%
3	4.487	397	408	411	rBV	8138360	17688583	100.00%	20.891%
4	5.098	502	512	515	rBV	5180364	9324347	52.71%	11.012%
5	5.487	575	578	588	rBV	271935	320885	1.81%	0.379%
6	6.492	745	749	768	rBV	2020190	2065417	11.68%	2.439%
7	6.622	768	771	779	rVV	788253	678537	3.84%	0.801%
8	6.845	806	809	813	rBV	1811714	1519070	8.59%	1.794%
9	7.004	832	836	840	rBV	4871410	4456184	25.19%	5.263%
10	7.169	860	864	871	rBV	468734	419865	2.37%	0.496%
11	7.410	900	905	908	rBV	3847354	3733857	21.11%	4.410%
12	8.128	1023	1027	1040	rBV	2175353	1973696	11.16%	2.331%
13	9.204	1205	1210	1213	rBV	6649230	6407821	36.23%	7.568%
14	9.592	1273	1276	1285	rVB	794460	773599	4.37%	0.914%
15	9.881	1321	1325	1334	rVB	2237606	2235111	12.64%	2.640%
16	11.369	1572	1578	1584	rBV	2668064	2496678	14.11%	2.949%
17	11.892	1662	1667	1675	rBV	498504	638140	3.61%	0.754%
18	12.674	1796	1800	1811	rBV	249989	376249	2.13%	0.444%
19	12.957	1843	1848	1851	rBV	6619795	6725673	38.02%	7.943%
20	13.127	1868	1877	1879	rBV	299479	614151	3.47%	0.725%
21	13.421	1922	1927	1932	rBV2	127203	198317	1.12%	0.234%
22	13.516	1938	1943	1946	rBV2	173367	227811	1.29%	0.269%
23	13.845	1995	1999	2011	rBV	1437057	1884264	10.65%	2.225%
24	14.016	2023	2028	2032	rBV	2287504	2327637	13.16%	2.749%
25	14.168	2051	2054	2058	rVB2	650510	659345	3.73%	0.779%
26	14.398	2085	2093	2095	rBV	190169	470710	2.66%	0.556%
27	14.480	2102	2107	2113	rBV	1116148	1205568	6.82%	1.424%
28	14.786	2153	2159	2163	rBV	1696306	1776336	10.04%	2.098%
29	15.121	2211	2216	2221	rBV	1917014	2204376	12.46%	2.603%
30	15.498	2274	2280	2287	rBV2	2950967	4230161	23.91%	4.996%
31	15.933	2348	2354	2360	rBV	1312110	1914317	10.82%	2.261%
32	15.998	2361	2365	2372	rVV2	98452	193602	1.09%	0.229%
33	16.433	2433	2439	2454	rVB	651844	1246661	7.05%	1.472%
34	17.021	2534	2539	2547	rVB2	198102	402625	2.28%	0.476%

LSC Area Percent Report

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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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 84671568

LSC Report - Integrated Chromatogram

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Data File : BF114292.D
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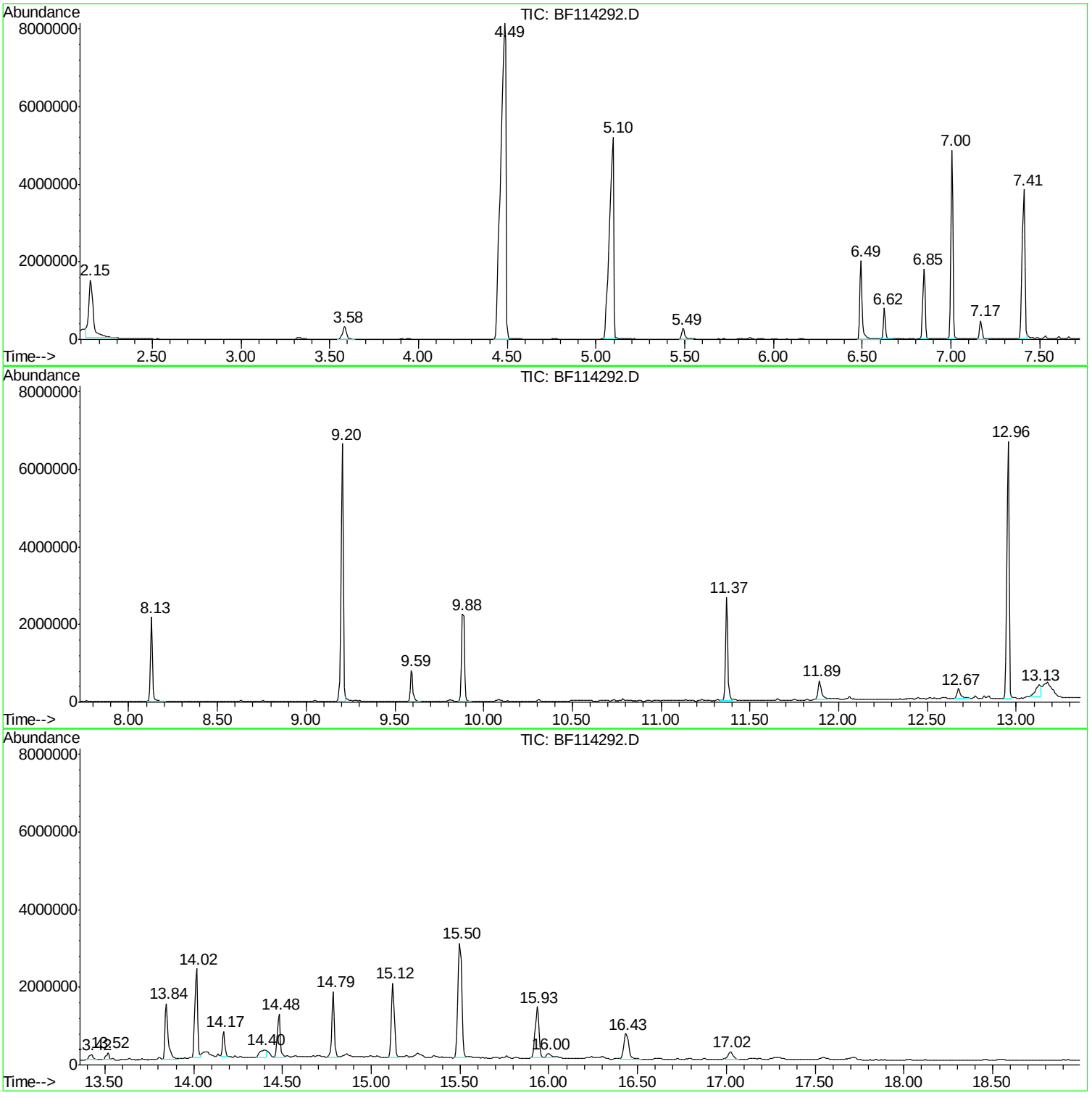
Operator : JU/SJ
Sample : K2852-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-CURB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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\BF051519\
Data File : BF114292.D
Acq On : 15 May 2019 18:47
Operator : JU/SJ
Sample : K2852-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-CURB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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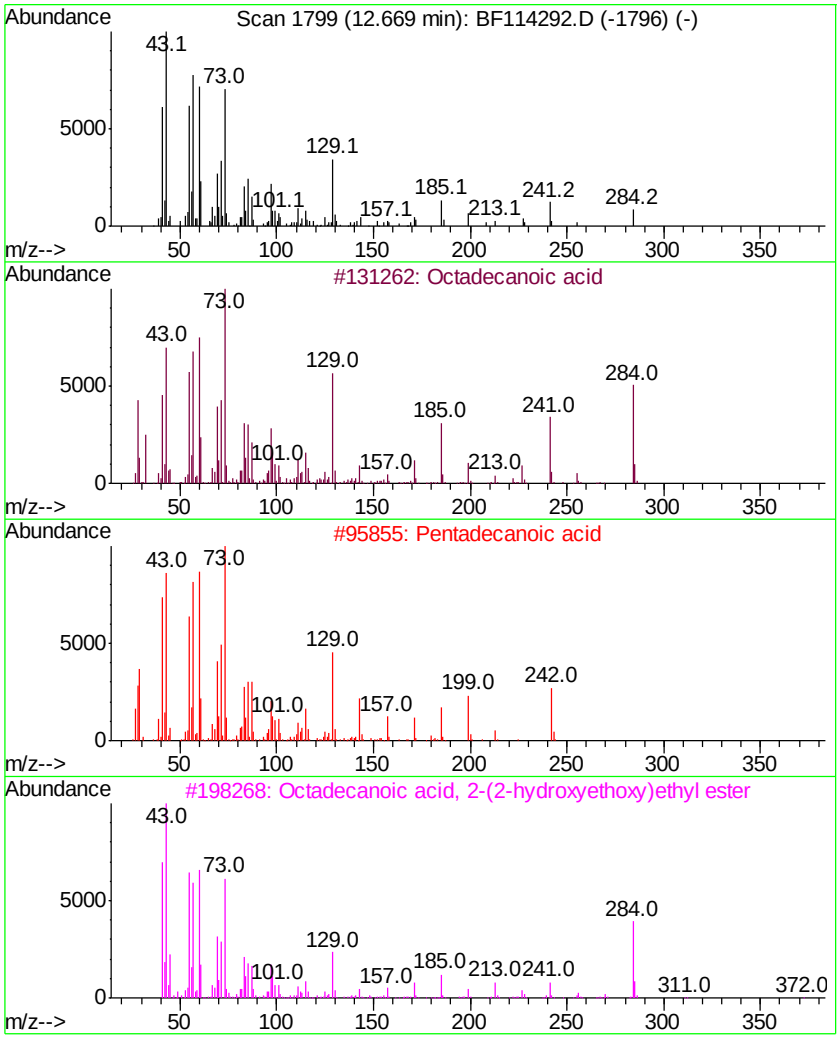
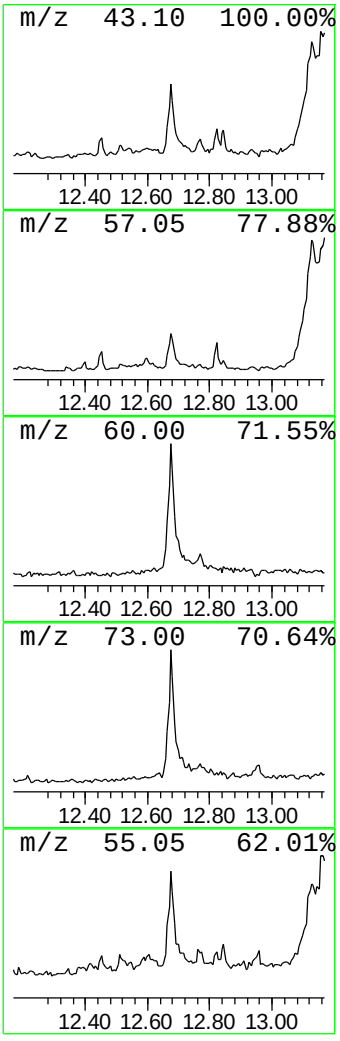
Peak Number 9 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	3.01 ng	376249	Phenanthrene-d10	11.37

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	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





Library Search Compound Report

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Operator : JU/SJ
Sample : K2852-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-CURB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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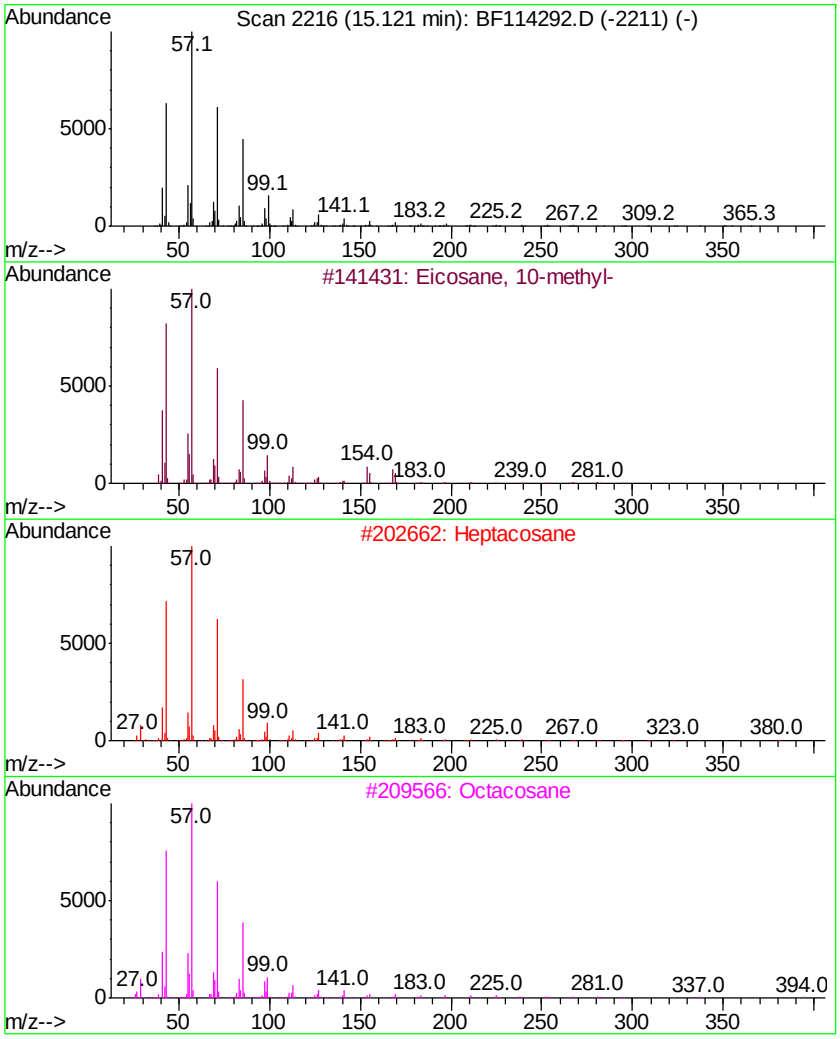
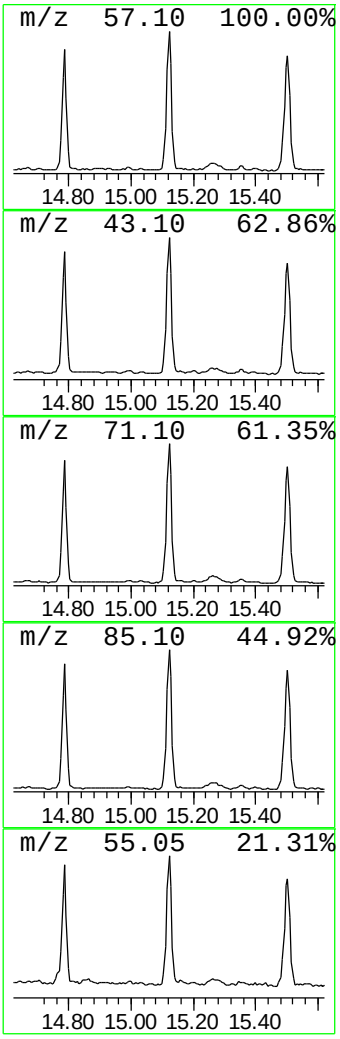
Peak Number 16 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	10.42 ng	2204380	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Triacontane	422	C30H62	000638-68-6	90





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
Sample : K2852-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-CURB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
Octadecanoic acid	12.67	3.0	ng	376249	4	11.37	2496680	20.0
Eicosane, 10-methyl-	15.12	10.4	ng	2204380	6	15.50	4230160	20.0