LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112562.D
Acq On : 14 Feb 2019 12:40
Operator : JU/SJ
Sample : PB117100BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB117100BL

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-BF012519.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	5.081	505	509	521	rBV	94193	149790	3.12%	0.371%
2	5.481	573	577	598	rBV	3026857	3116520	64.94%	7.711%
3	6.487	742	748	759	rBV	2654521	3352232	69.85%	8.294%
4	6.610	764	769	781	rVB	3684803	3550168	73.98%	8.784%
5	6.775	792	797	801	rBV	60613	65725	1.37%	0.163%
6	6.828	803	806	819	rBV	794577	794109	16.55%	1.965%
7	6.987	828	833	846	rBV	2750876	2840565	59.19%	7.028%
8	7.104	849	853	869	rVB	78590	129067	2.69%	0.319%
9	7.239	871	876	880	rBV2	91540	104679	2.18%	0.259%
10	7.334	889	892	896	rVB	57520	57052	1.19%	0.141%
11	7.398	897	903	915	rVV	1812357	2165606	45.13%	5.358%
12	7.510	918	922	933	rVB	38106	48470	1.01%	0.120%
13	7.651	942	946	959	rBV	56673	65423	1.36%	0.162%
14	7.792	966	970	978	rVB	42062	64802	1.35%	0.160%
15	8.057	1012	1015	1020	rVB	70307	74268	1.55%	0.184%
16	8.110	1020	1024	1036	rVB	870011	1054167	21.97%	2.608%
17	8.245	1044	1047	1051	rVB	63721	66545	1.39%	0.165%
18	8.698	1121	1124	1133	rBV	41860	57402	1.20%	0.142%
19	8.828	1142	1146	1152	rBV	104966	104410	2.18%	0.258%
20	8.928	1158	1163	1171	rVB	108147	117660	2.45%	0.291%
21	8.998	1171	1175	1181	rVB	75963	72408	1.51%	0.179%
22	9.128	1194	1197	1201	rBV	38270	49153	1.02%	0.122%
23	9.186	1201	1207	1210	rBV	4314691	4442491	92.57%	10.992%
24	9.286	1218	1224	1227	rBV	117749	126662	2.64%	0.313%
25	9.316	1227	1229	1238	rVB	94197	90753	1.89%	0.225%
26	9.580	1270	1274	1279	rBV	119322	111674	2.33%	0.276%
27	9.657	1284	1287	1294	rVV2	86003	89151	1.86%	0.221%
28	9.728	1294	1299	1306	rVB	114339	137046	2.86%	0.339%
29	9.869	1315	1323	1326	rBV	1207176	1213846	25.29%	3.003%
30	9.898	1326	1328	1334	rVB	129414	119086	2.48%	0.295%
31	10.075	1354	1358	1369	rBV	149180	178086	3.71%	0.441%
32	10.280	1389	1393	1396	rVB	121287	97954	2.04%	0.242%
33	10.416	1409	1416	1420	rBV2	137780	217751	4.54%	0.539%
34	10.522	1431	1434	1438	rBV	140924	117301	2.44%	0.290%

LSC Area Percent Report

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Operator : JU/SJ
Sample : PB117100BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB117100BL

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.563	1438	1441	1450	rVB	91322	87251	1.82%	0.216%
36	10.669	1453	1459	1486	rBV	2657668	2923411	60.92%	7.233%
37	10.892	1494	1497	1503	rVB	91211	80113	1.67%	0.198%
38	10.975	1508	1511	1515	rBV	86313	77821	1.62%	0.193%
39	11.045	1520	1523	1530	rVB	73207	70941	1.48%	0.176%
40	11.357	1572	1576	1579	rBV	1382483	1252429	26.10%	3.099%
41	11.380	1579	1580	1585	rVV	161059	116839	2.43%	0.289%
42	11.439	1587	1590	1600	rVB	124834	125763	2.62%	0.311%
43	11.604	1615	1618	1628	rBV	85431	100170	2.09%	0.248%
44	11.904	1666	1669	1677	rVB	124425	118438	2.47%	0.293%
45	12.580	1780	1784	1789	rBV	129658	122445	2.55%	0.303%
46	12.810	1819	1823	1832	rVB	141615	131888	2.75%	0.326%
47	12.945	1840	1846	1849	rBV	4811925	4799106	100.00%	11.874%
48	13.404	1921	1924	1928	rBV	138997	121596	2.53%	0.301%
49	13.463	1932	1934	1938	rVB	163357	128378	2.68%	0.318%
50	13.963	2015	2019	2022	rBV	176810	174814	3.64%	0.433%
51	14.004	2022	2026	2029	rVV	1197871	1245989	25.96%	3.083%
52	14.027	2029	2030	2037	rVB	123941	128948	2.69%	0.319%
53	14.139	2045	2049	2053	rBV	47634	50537	1.05%	0.125%
54	14.445	2097	2101	2105	rBV	123762	113197	2.36%	0.280%
55	14.568	2119	2122	2126	rVB	150211	131203	2.73%	0.325%
56	14.751	2147	2153	2158	rBV	222949	268641	5.60%	0.665%
57	15.057	2201	2205	2206	rBV	114378	132670	2.76%	0.328%
58	15.080	2206	2209	2217	rVB	442112	515326	10.74%	1.275%
59	15.421	2263	2267	2269	rBV	94039	120930	2.52%	0.299%
60	15.457	2269	2273	2274	rVV	391261	478812	9.98%	1.185%
61	15.480	2274	2277	2287	rVB	691971	951114	19.82%	2.353%
62	15.880	2338	2345	2350	rBV	274296	425630	8.87%	1.053%
63	16.374	2423	2429	2439	rBV2	145937	281070	5.86%	0.695%
64	16.956	2523	2528	2530	rBV2	59976	98175	2.05%	0.243%

Sum of corrected areas: 40415667

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
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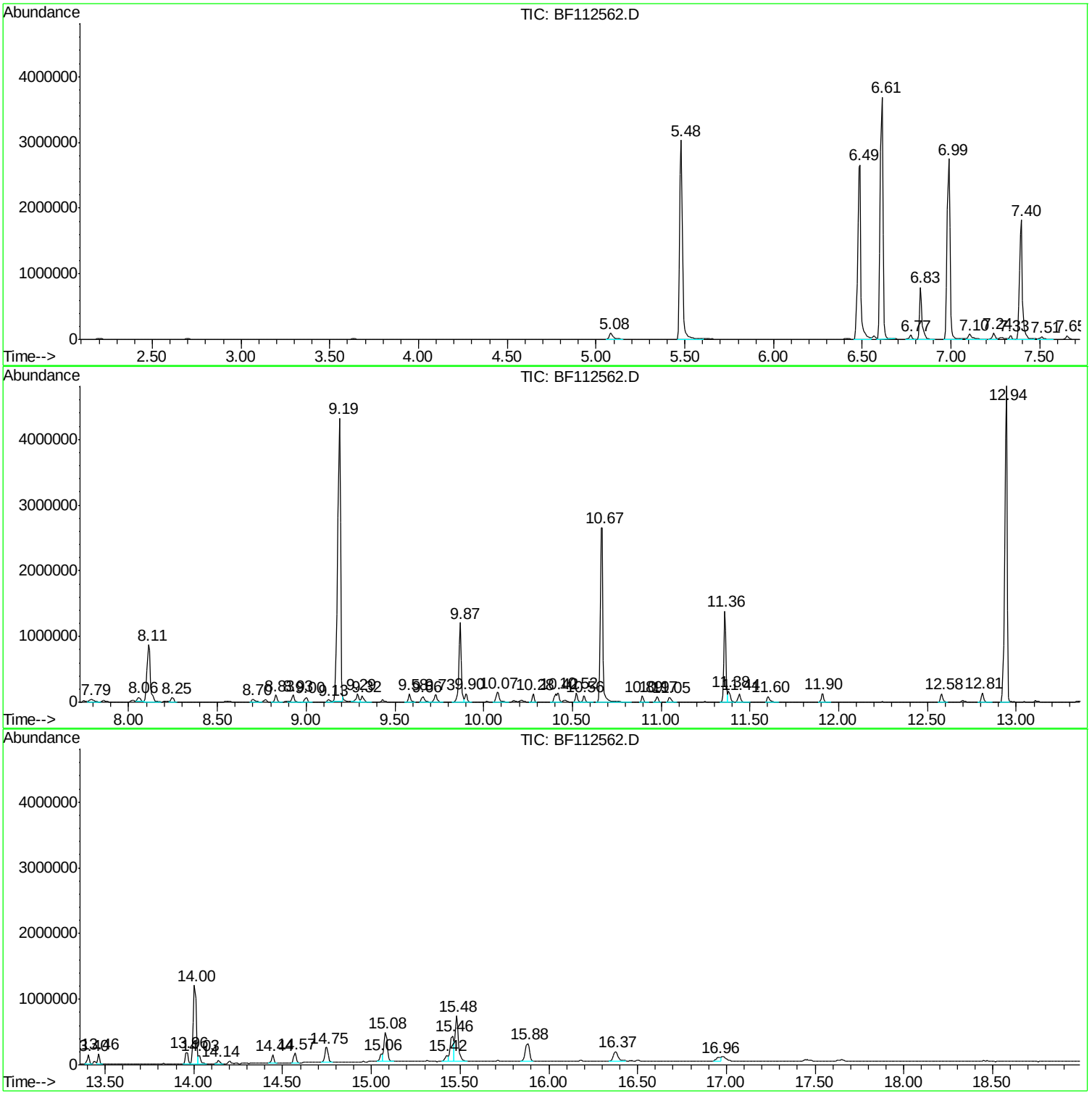
Acq On : 14 Feb 2019 12:40
Operator : JU/SJ
Sample : PB117100BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB117100BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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\BF021419\
Data File : BF112562.D
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Instrument : BNA_F
ClientSampleId : PB117100BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

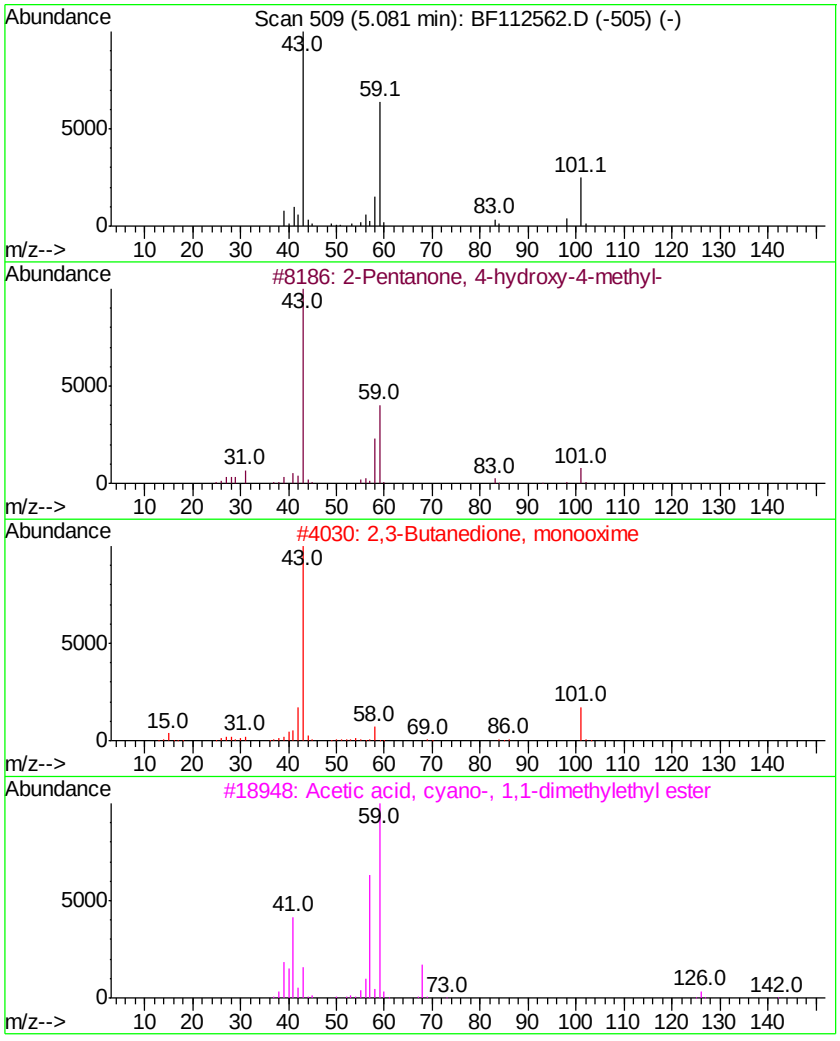
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

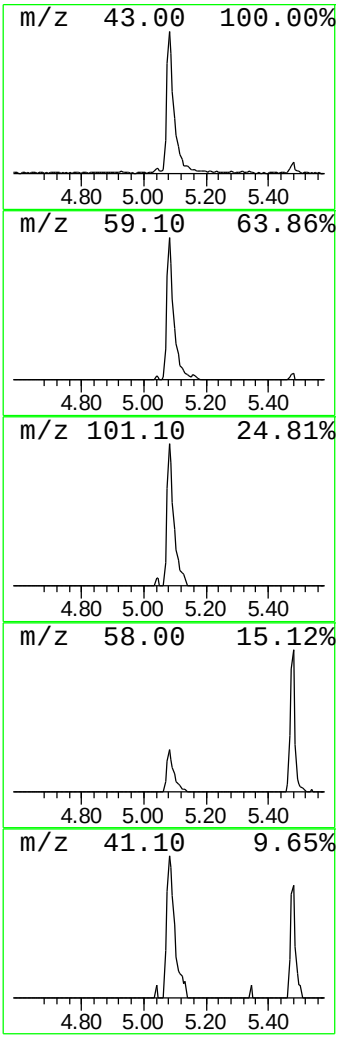
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	3.77 ng	149790	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB117100BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

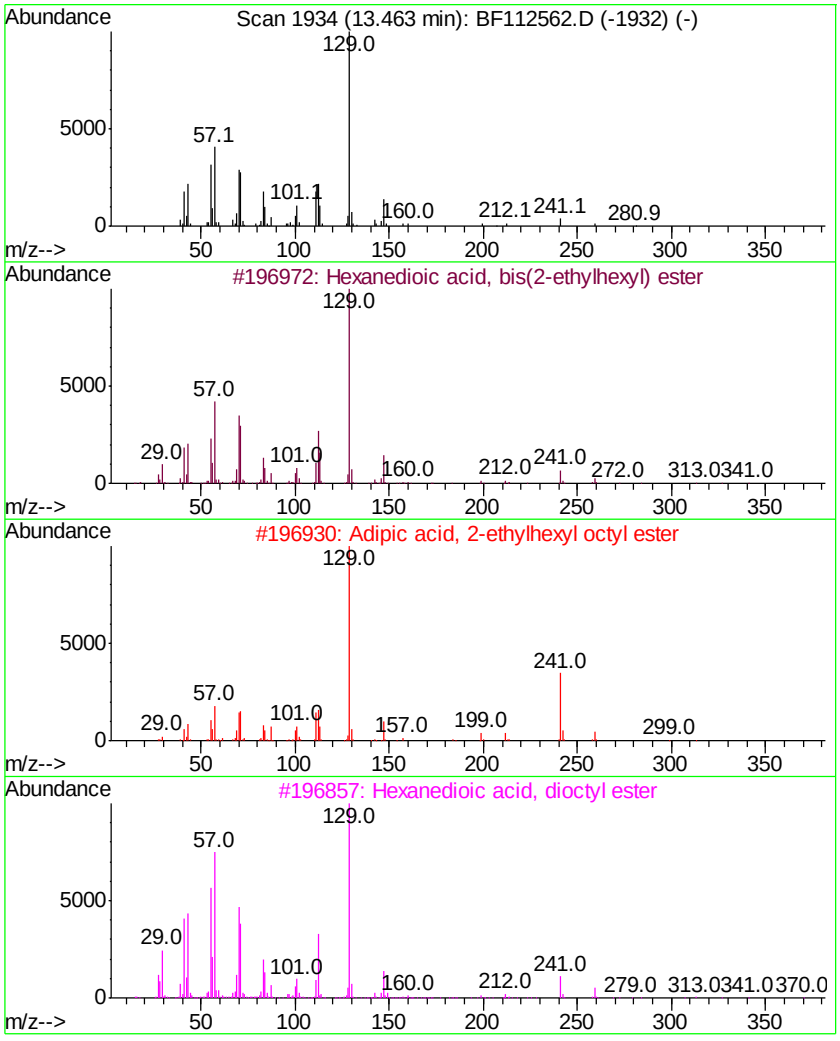
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

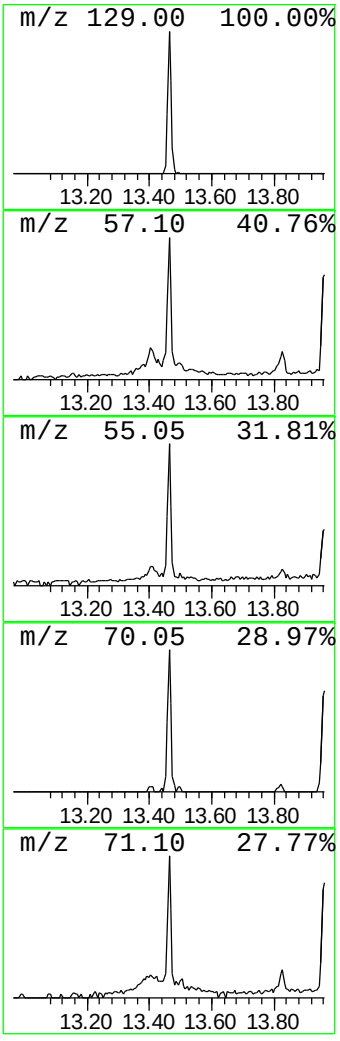
****

Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.06 ng	128378	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	62
4	Adipic acid, octyl 2-octyl ester	370	C22H42O4	1000324-45-0	59
5	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	59





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : PB117100BL

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

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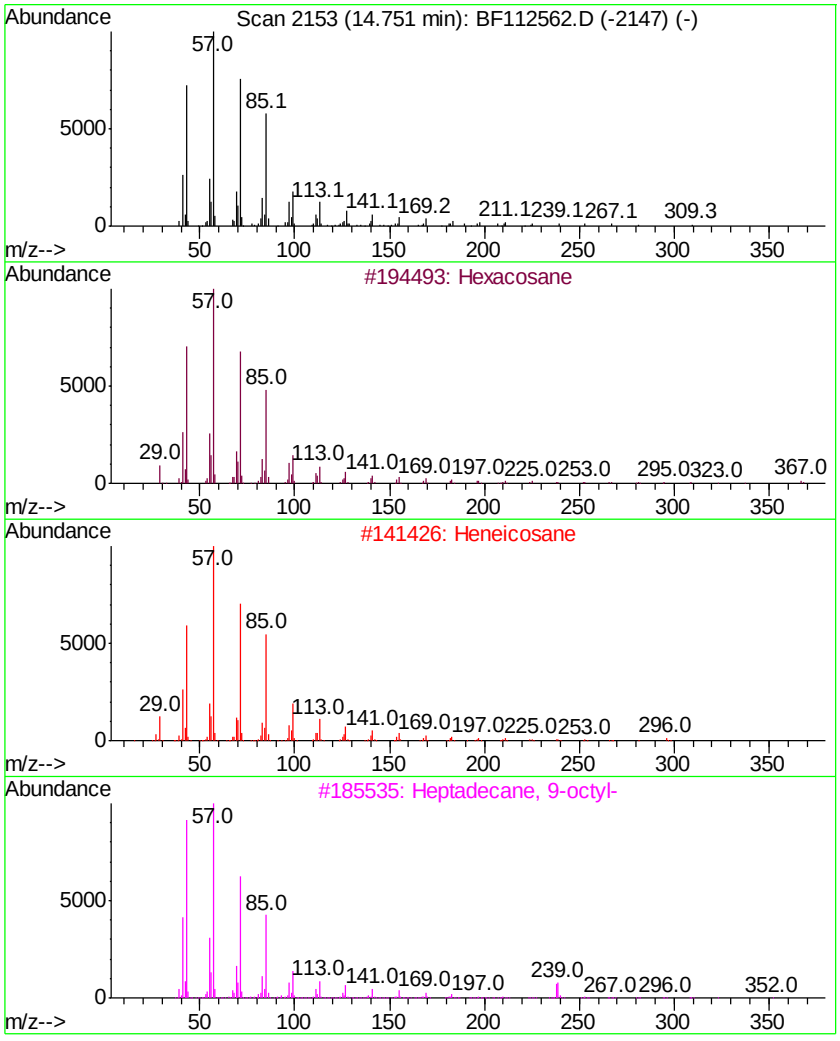
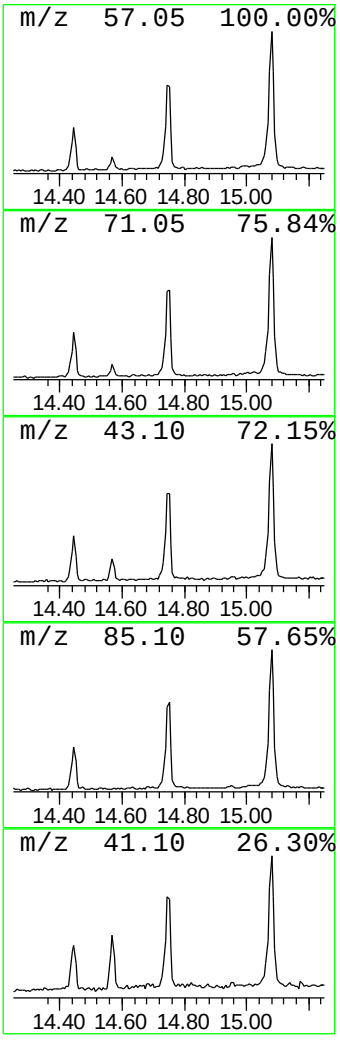
Peak Number 4 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	5.65 ng	268641	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Triacontane	422	C30H62	000638-68-6	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
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Acq On : 14 Feb 2019 12:40
Operator : JU/SJ
Sample : PB117100BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB117100BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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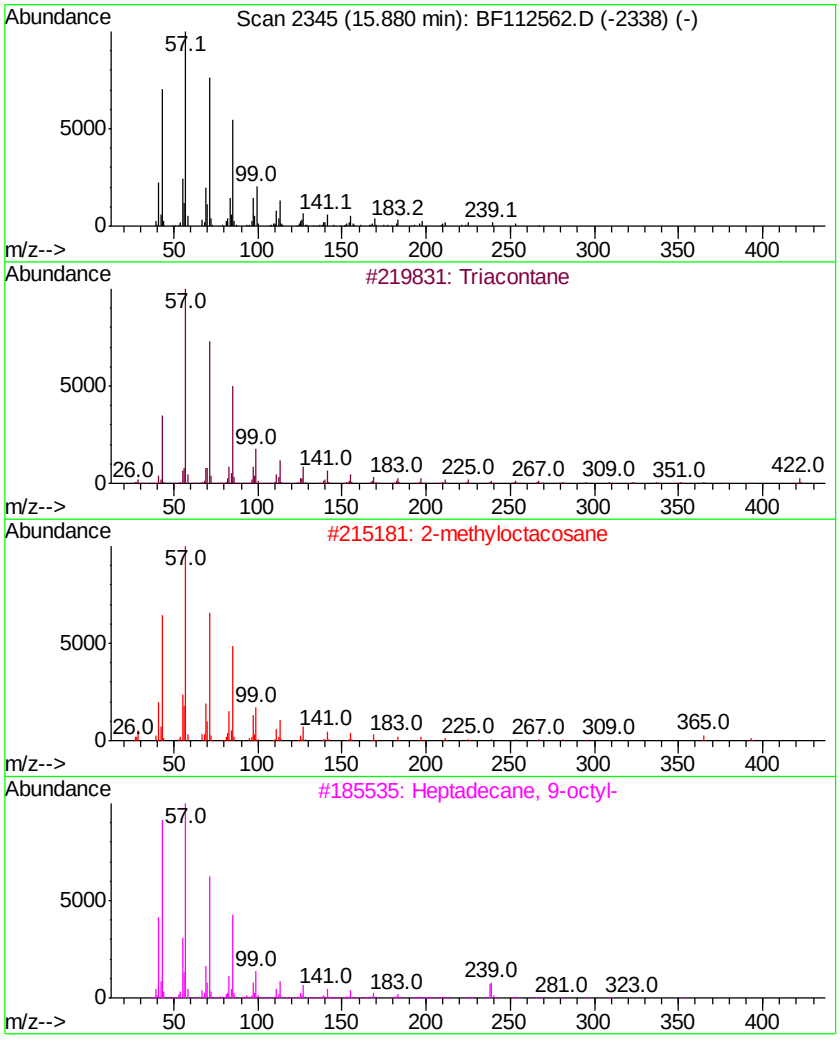
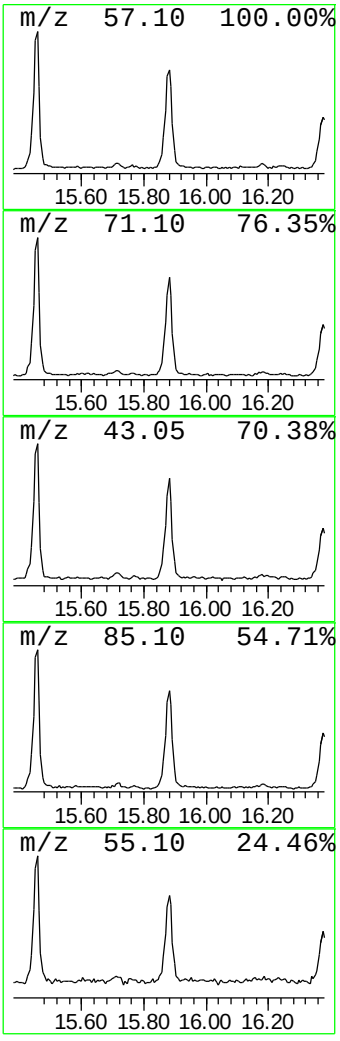
Peak Number 5 Triacontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	8.95 ng	425630	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Sample : PB117100BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB117100BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

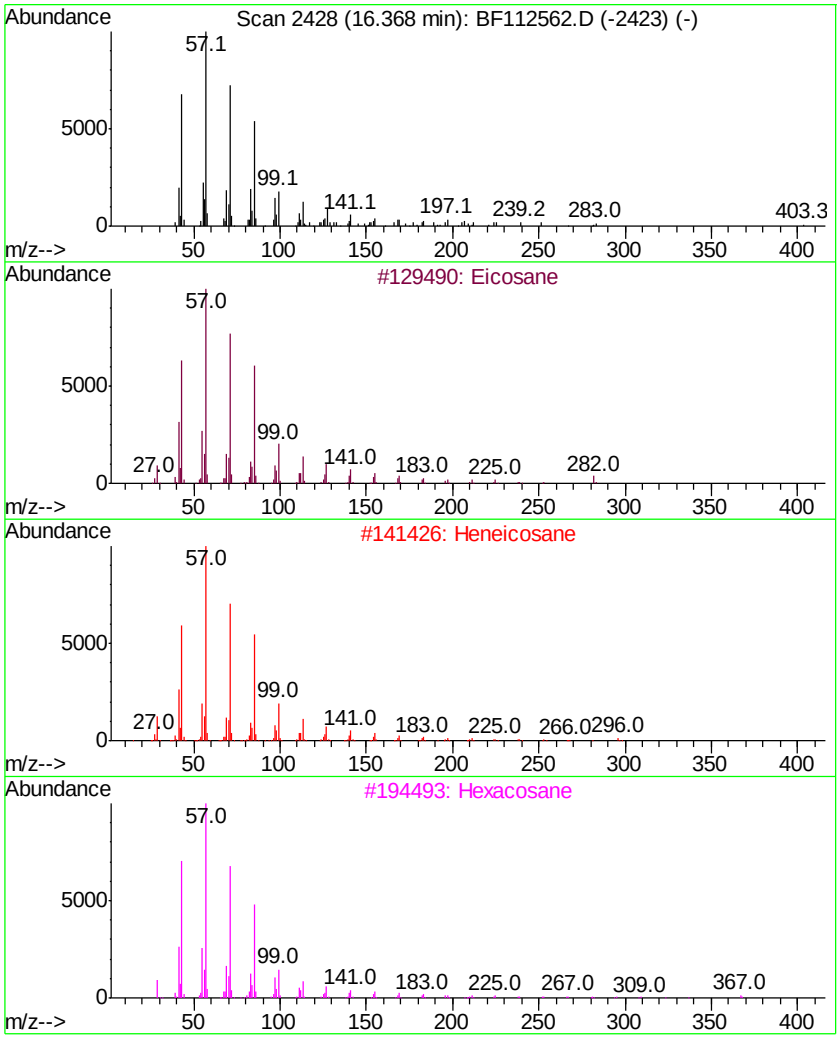
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

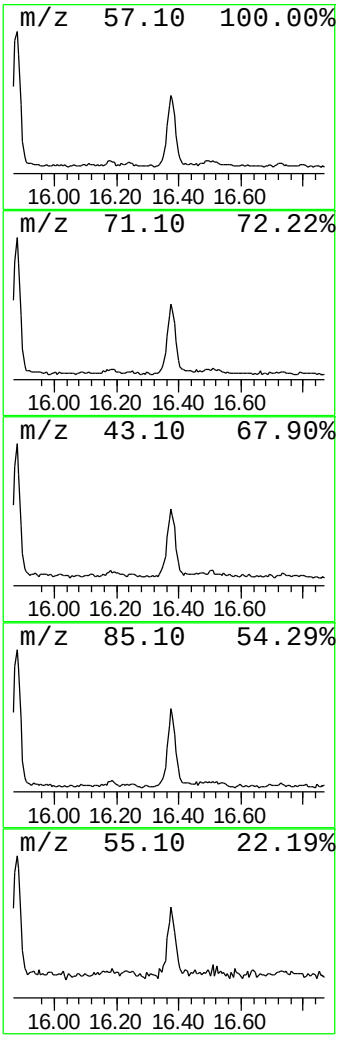
****

Peak Number 6 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	5.91 ng	281070	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Triacontane	422	C30H62	000638-68-6	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
2-Pentanone, 4-hy...	5.08	3.8	ng	149790	1	6.83	794109	20.0
Hexanedioic acid,...	13.46	2.1	ng	128378	5	14.00	1245990	20.0
Hexacosane	14.75	5.7	ng	268641	6	15.48	951114	20.0
Triacontane	15.88	8.9	ng	425630	6	15.48	951114	20.0
Eicosane	16.37	5.9	ng	281070	6	15.48	951114	20.0