LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109192.D
Acq On : 20 Sep 2018 19:59
Operator : JU/SJ
Sample : J5004-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-026-A

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-BF091418.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	4.913	435	438	449	rVB	39543	49160	3.06%	0.325%
2	5.331	504	509	512	rBV	1436084	1352791	84.33%	8.941%
3	6.354	678	683	686	rBV	1550256	1535534	95.72%	10.148%
4	6.489	701	706	709	rBV	1539561	1353387	84.37%	8.945%
5	6.554	715	717	726	rVB	20912	20164	1.26%	0.133%
6	6.719	742	745	748	rBV	542865	416147	25.94%	2.750%
7	6.878	768	772	775	rBV	1099758	942002	58.72%	6.226%
8	7.278	835	840	843	rBV	1165856	1006702	62.76%	6.653%
9	8.001	959	963	966	rBV	748173	610812	38.08%	4.037%
10	9.077	1141	1146	1149	rBV	1777755	1604131	100.00%	10.602%
11	9.472	1209	1213	1219	rBV	488639	433724	27.04%	2.867%
12	9.748	1256	1260	1264	rBV2	866384	742837	46.31%	4.909%
13	10.530	1389	1393	1406	rBV	1003092	929889	57.97%	6.146%
14	11.224	1507	1511	1515	rBV	722513	603984	37.65%	3.992%
15	11.766	1599	1603	1606	rBV	37442	38859	2.42%	0.257%
16	12.430	1712	1716	1720	rBV	57367	52838	3.29%	0.349%
17	12.660	1749	1755	1758	rBV	49717	56979	3.55%	0.377%
18	12.718	1763	1765	1769	rVB2	26142	21854	1.36%	0.144%
19	12.807	1776	1780	1784	rBV	1878598	1577360	98.33%	10.425%
20	13.054	1819	1822	1826	rVB	26242	20673	1.29%	0.137%
21	13.395	1877	1880	1888	rVB	43613	38996	2.43%	0.258%
22	13.718	1931	1935	1944	rBV	97030	126174	7.87%	0.834%
23	13.848	1952	1957	1960	rBV	505918	473489	29.52%	3.129%
24	13.871	1960	1961	1964	rVB	26889	18289	1.14%	0.121%
25	14.036	1985	1989	1992	rVB	65102	45207	2.82%	0.299%
26	14.336	2037	2040	2046	rBV	44010	51141	3.19%	0.338%
27	14.630	2083	2090	2098	rBV	47646	77943	4.86%	0.515%
28	14.701	2099	2102	2107	rVB	34644	38095	2.37%	0.252%
29	14.859	2125	2129	2131	rBV	22594	34506	2.15%	0.228%
30	14.948	2141	2144	2149	rVB2	38137	43804	2.73%	0.290%
31	15.195	2182	2186	2190	rVB2	20239	27797	1.73%	0.184%
32	15.254	2191	2196	2200	rVV	434645	473660	29.53%	3.130%
33	15.307	2201	2205	2212	rVB	34593	54284	3.38%	0.359%
34	15.706	2268	2273	2278	rBV2	28024	46073	2.87%	0.304%

LSC Area Percent Report

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Acq On : 20 Sep 2018 19:59
Operator : JU/SJ
Sample : J5004-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-026-A

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-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.783	2280	2286	2291	rBV7	13243	29894	1.86%	0.198%
36	15.912	2304	2308	2309	rBV3	21670	23854	1.49%	0.158%
37	16.018	2324	2326	2328	rBV2	21015	23958	1.49%	0.158%
38	16.177	2348	2353	2358	rVB3	24402	41038	2.56%	0.271%
39	16.601	2420	2425	2429	rVB3	14405	17941	1.12%	0.119%
40	17.006	2488	2494	2498	rBV5	10846	21128	1.32%	0.140%
41	17.101	2504	2510	2511	rBV4	13220	19833	1.24%	0.131%
42	17.171	2519	2522	2526	rBV5	19719	33845	2.11%	0.224%

Sum of corrected areas: 15130776

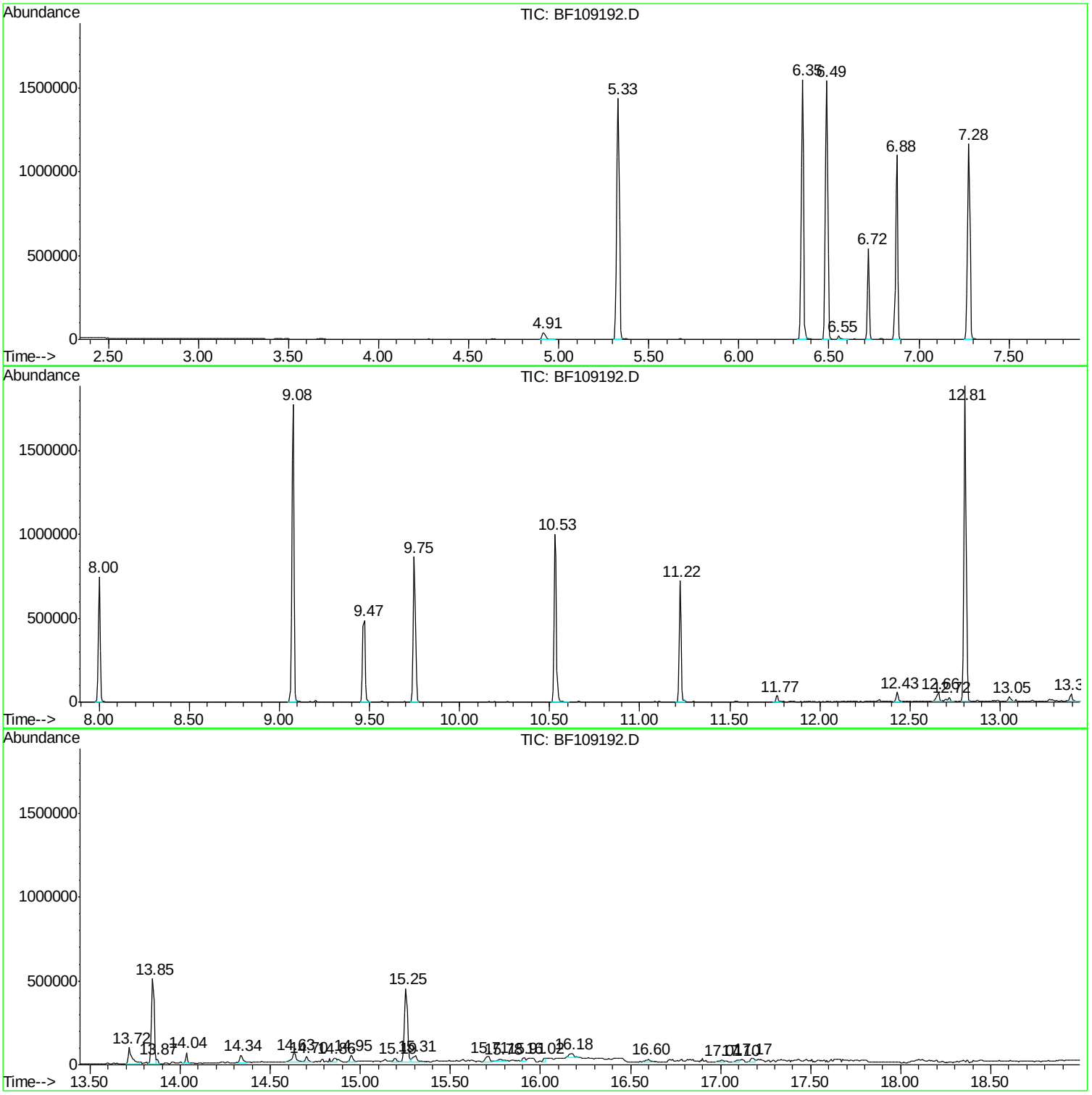
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109192.D
Acq On : 20 Sep 2018 19:59
Operator : JU/SJ
Sample : J5004-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-026-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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\BF092018\
Data File : BF109192.D
Acq On : 20 Sep 2018 19:59
Operator : JU/SJ
Sample : J5004-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-026-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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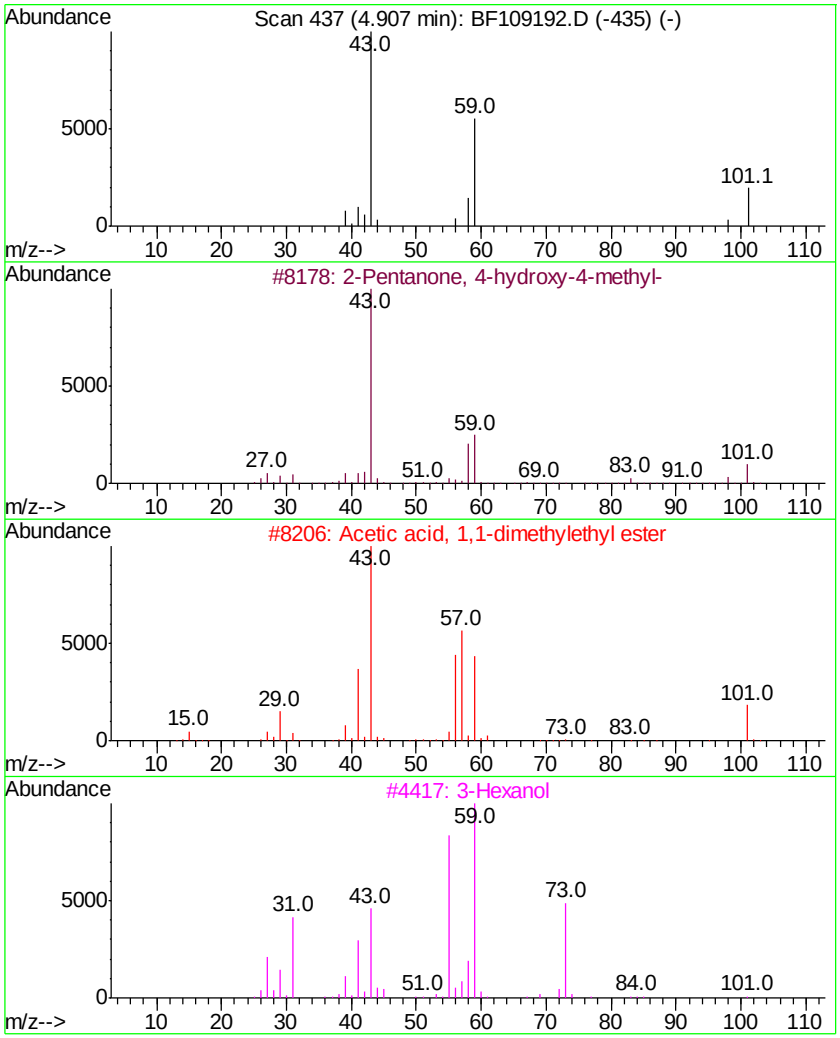
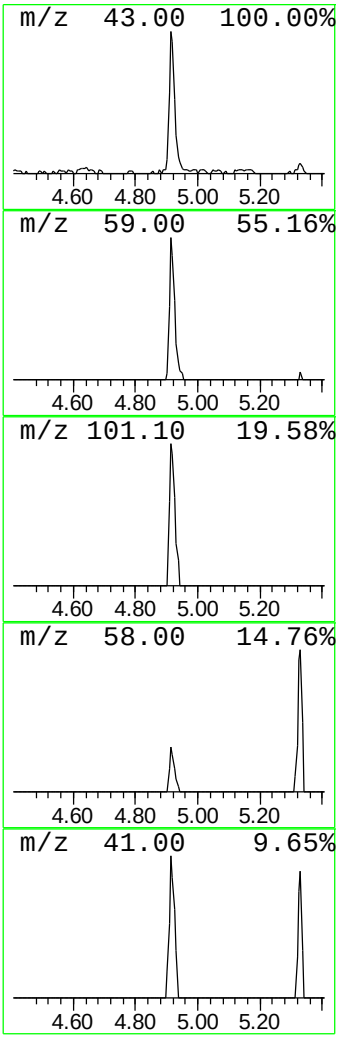
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.36 ng	49160	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-026-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

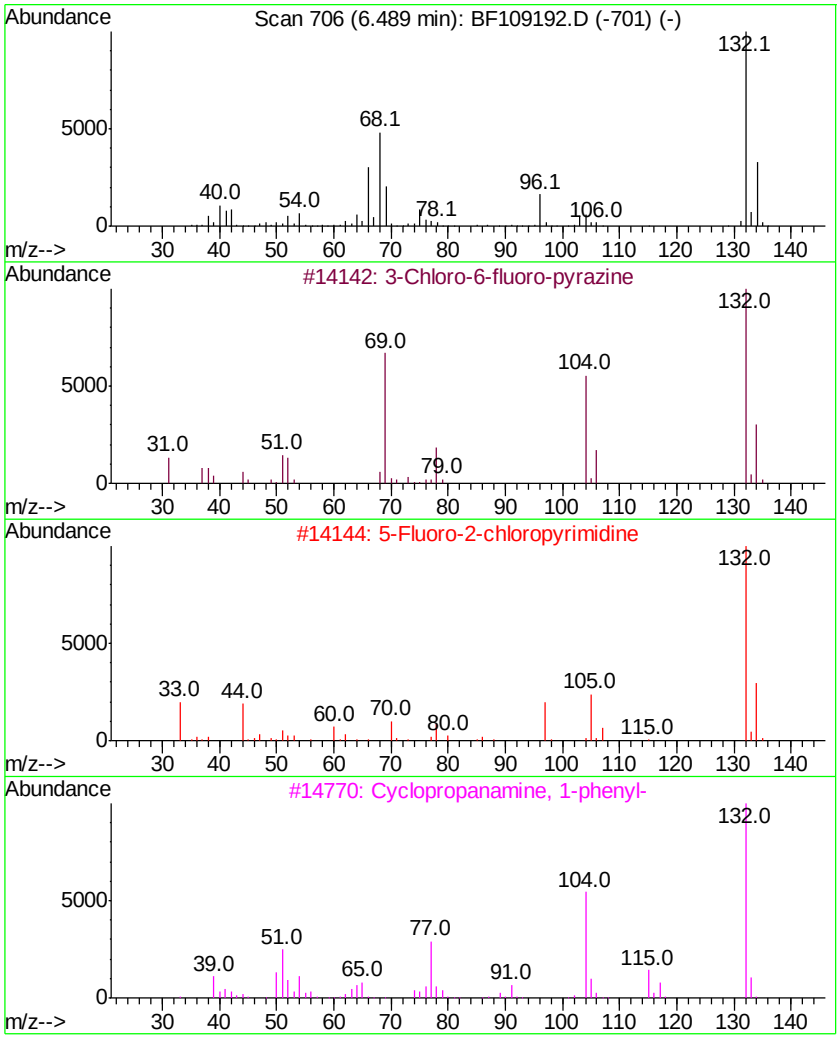
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

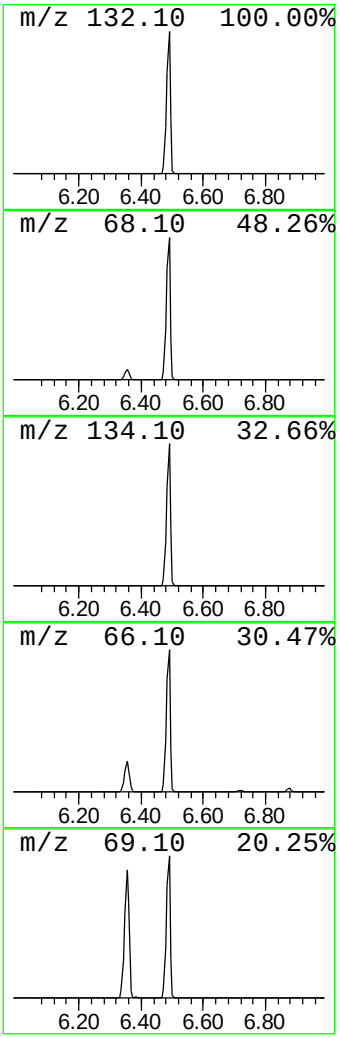
****

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	65.04 ng	1353390	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Operator : JU/SJ
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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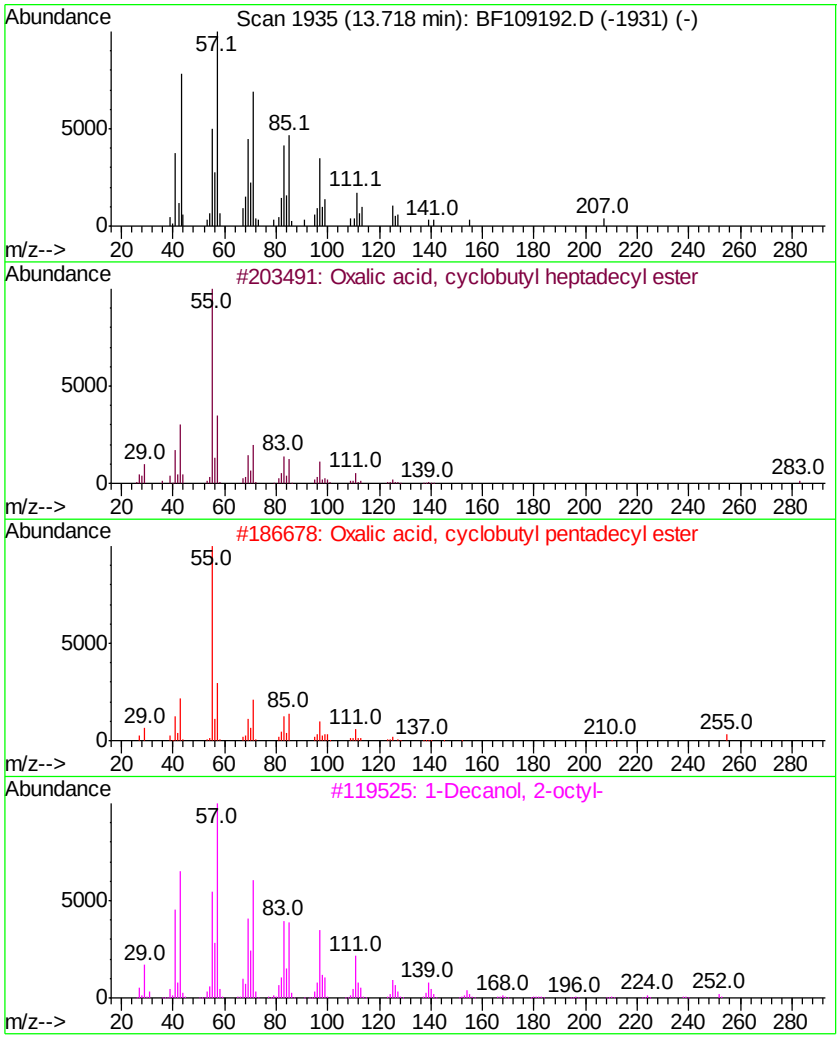
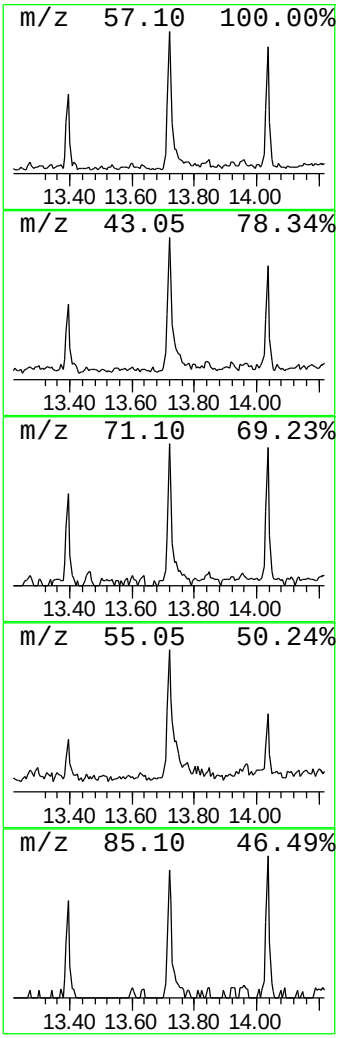
Peak Number 5 Oxalic acid, cyclobutyl hep... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.33 ng	126174	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	91
2	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	91
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	74
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	60
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
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Operator : JU/SJ
Sample : J5004-01
Misc :
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Instrument : BNA_F
ClientSampleId : FK-GF-02-026-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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TIC Library : C:\DATABASE\NIST11.L
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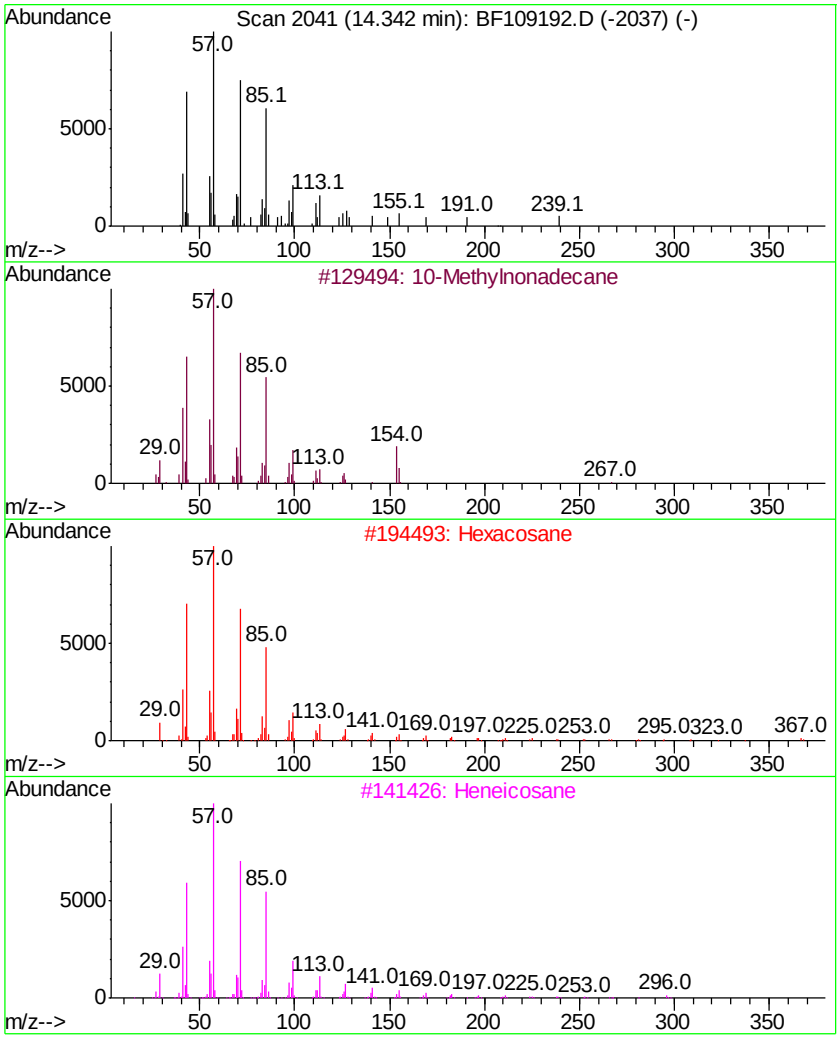
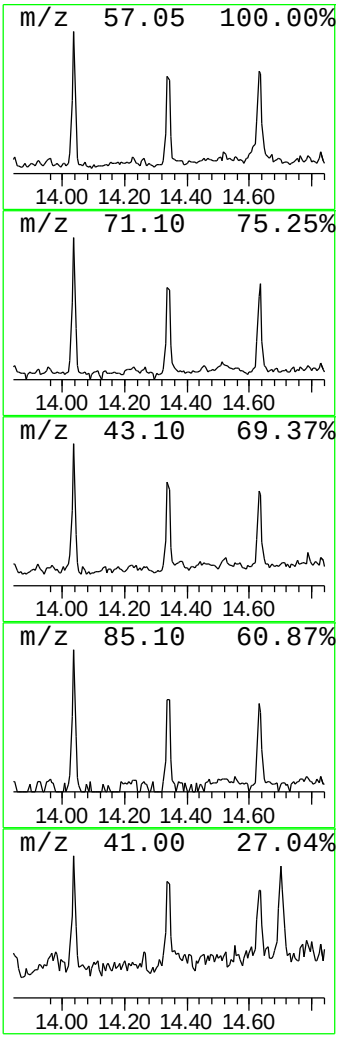
Peak Number 6 10-Methylnonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.16 ng	51141	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	86
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
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Operator : JU/SJ
Sample : J5004-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-026-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

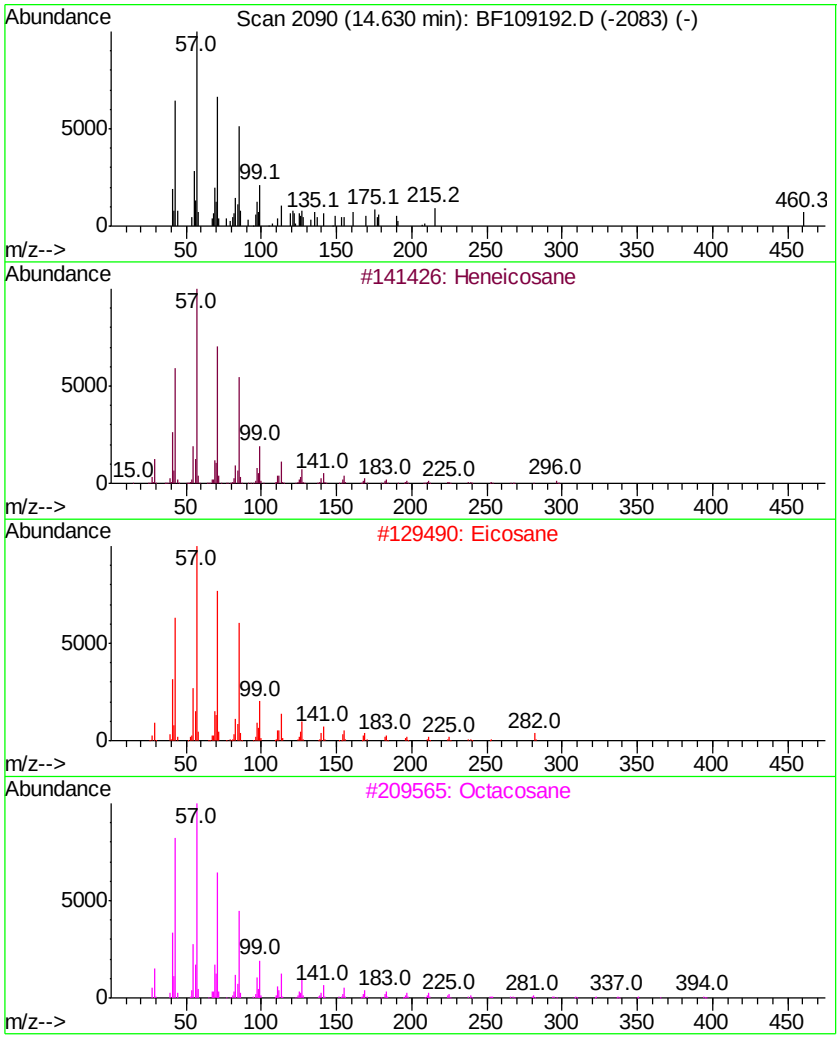
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

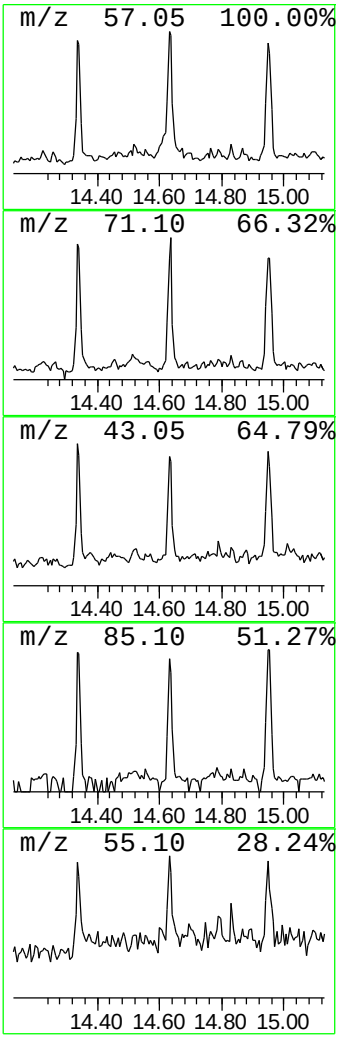
****

Peak Number 7 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.29 ng	77943	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Eicosane	282	C20H42	000112-95-8	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Triacontane	422	C30H62	000638-68-6	83
5	Heptadecane	240	C17H36	000629-78-7	83





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : FK-GF-02-026-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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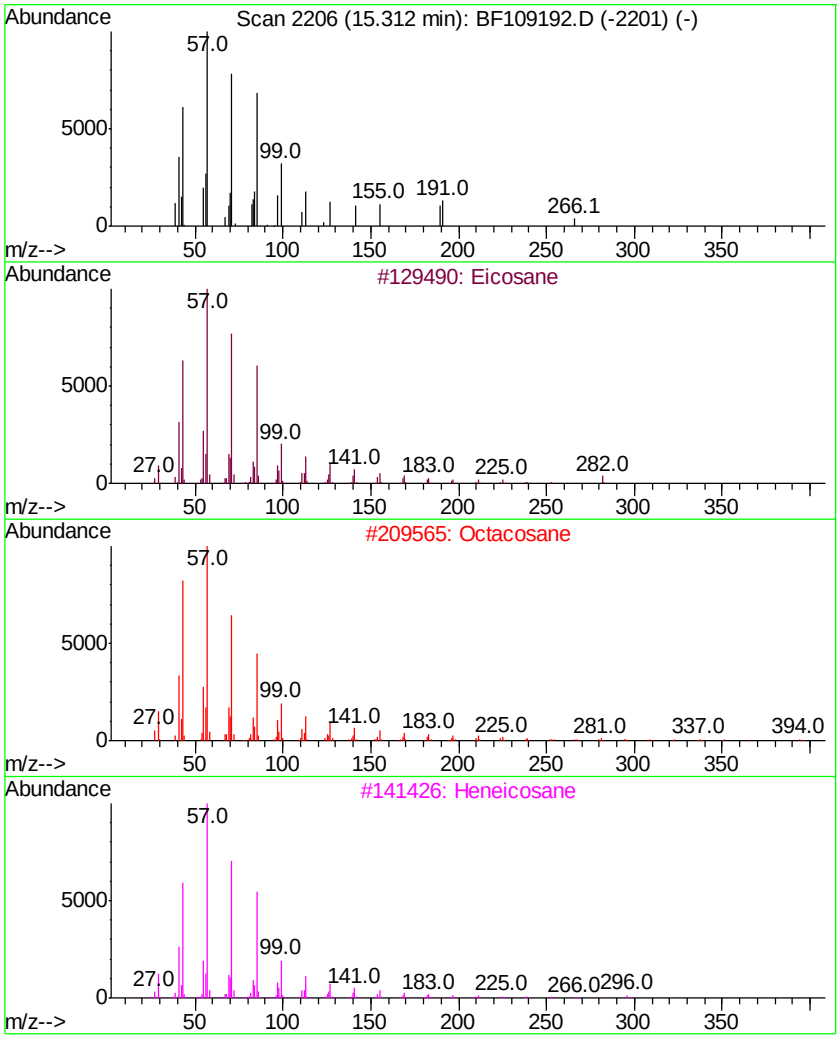
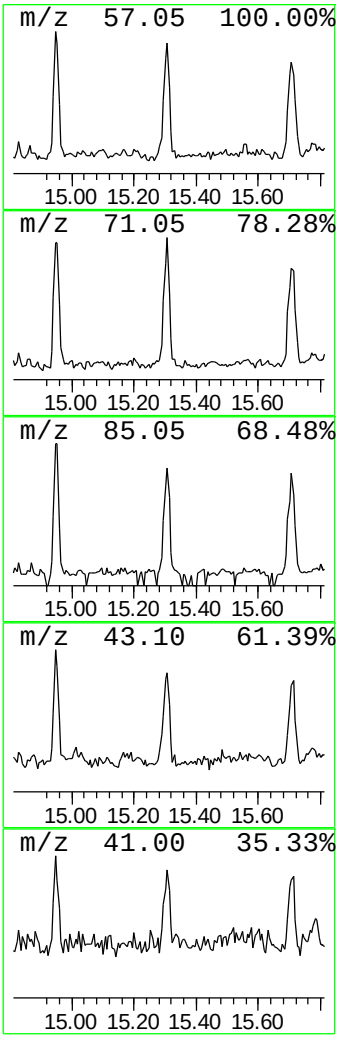
Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	2.29 ng	54284	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092018\
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Acq On : 20 Sep 2018 19:59
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Misc :
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Instrument : BNA_F
ClientSampleId : FK-GF-02-026-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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...	4.91	2.4	ng	49160	1	6.72	416147	20.0
unknown6.49	6.49	65.0	ng	1353390	1	6.72	416147	20.0
Oxalic acid, cycl...	13.72	5.3	ng	126174	5	13.85	473489	20.0
10-Methylnonadecane	14.34	2.2	ng	51141	5	13.85	473489	20.0
Heneicosane	14.63	3.3	ng	77943	6	15.25	473660	20.0
Eicosane	15.31	2.3	ng	54284	6	15.25	473660	20.0