LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
Data File : BN003508.D
Acq On : 12 Nov 2018 14:53
Operator : MJ/SJ
Sample : J5807-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PT-BNA-Soil

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_N\METHODS\8270-BN111218.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	3.028	3	7	20	rVB	340607	409544	1.89%	0.148%
2	5.411	406	412	426	rVB	1642001	2424064	11.16%	0.875%
3	7.052	675	691	711	rBV2	3585686	9076477	41.78%	3.278%
4	7.281	723	730	739	rBV	576631	816299	3.76%	0.295%
5	7.381	739	747	755	rVB	1805095	2939188	13.53%	1.062%
6	7.734	799	807	817	rBV	2056013	3161357	14.55%	1.142%
7	7.846	820	826	829	rVV	371164	626425	2.88%	0.226%
8	7.881	829	832	841	rVB	950566	1429883	6.58%	0.516%
9	8.205	882	887	894	rVB	4264319	7272971	33.48%	2.627%
10	8.922	1001	1009	1017	rBV	3160911	5128240	23.61%	1.852%
11	9.022	1017	1026	1029	rBV	967363	1880479	8.66%	0.679%
12	9.075	1029	1035	1045	rVB	3194582	5844930	26.90%	2.111%
13	9.593	1111	1123	1133	rBV	4004657	7946013	36.58%	2.870%
14	9.775	1146	1154	1162	rBV	1794787	3074165	14.15%	1.110%
15	10.057	1193	1202	1217	rBV	751870	1154701	5.32%	0.417%
16	10.510	1268	1279	1287	rVB	3022506	5056721	23.28%	1.826%
17	10.646	1295	1302	1308	rBV	529104	855549	3.94%	0.309%
18	11.928	1509	1520	1533	rBV	3326319	5704057	26.26%	2.060%
19	12.981	1692	1699	1708	rVB	2725468	4134339	19.03%	1.493%
20	13.104	1711	1720	1727	rVB	3351250	5151080	23.71%	1.860%
21	13.369	1757	1765	1771	rVB	5122138	8053505	37.07%	2.909%
22	13.951	1854	1864	1875	rVB	3125228	5301671	24.40%	1.915%
23	14.081	1878	1886	1891	rBV	3050729	4898537	22.55%	1.769%
24	14.487	1949	1955	1960	rBV2	761706	1166548	5.37%	0.421%
25	14.704	1984	1992	1998	rBV	1357986	2111450	9.72%	0.763%
26	14.875	2011	2021	2030	rVB2	5338565	13482444	62.06%	4.869%
27	15.534	2125	2133	2138	rBV	6472043	9734436	44.81%	3.516%
28	15.975	2201	2208	2222	rVB	2909435	4104325	18.89%	1.482%
29	16.428	2277	2285	2291	rVB	6630414	10441331	48.06%	3.771%
30	16.545	2295	2305	2310	rBV	8053899	15399322	70.88%	5.562%
31	16.881	2354	2362	2373	rBV	7270557	11181035	51.47%	4.038%
32	17.234	2415	2422	2424	rBV	843438	1288289	5.93%	0.465%
33	17.287	2424	2431	2436	rVB	7927853	13489757	62.09%	4.872%
34	18.098	2563	2569	2577	rBV	222997	306132	1.41%	0.111%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
Data File : BN003508.D
Acq On : 12 Nov 2018 14:53
Operator : MJ/SJ
Sample : J5807-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PT-BNA-Soil

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_N\METHODS\8270-BN111218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.181	2577	2583	2590	rVB	2437322	2994249	13.78%	1.081%
36	19.528	2805	2812	2817	rBV	169872	245835	1.13%	0.089%
37	19.663	2826	2835	2839	rBV	9737797	16462306	75.78%	5.946%
38	19.845	2860	2866	2871	rBV	5482348	6663211	30.67%	2.407%
39	20.539	2978	2984	2988	rBV	4854266	5864049	26.99%	2.118%
40	21.092	3074	3078	3089	rBV2	323411	444048	2.04%	0.160%
41	21.310	3108	3115	3119	rBV	10047626	14150671	65.14%	5.111%
42	21.392	3122	3129	3140	rVB2	4483484	6961099	32.04%	2.514%
43	22.204	3260	3267	3278	rBV	6916911	9940775	45.76%	3.590%
44	22.969	3392	3397	3403	rBV	369227	546490	2.52%	0.197%
45	23.080	3403	3416	3433	rVB	6710313	13696629	63.05%	4.947%
46	23.716	3517	3524	3537	rVB2	580828	1136151	5.23%	0.410%
47	24.227	3604	3611	3620	rBV	361323	690953	3.18%	0.250%
48	26.127	3914	3934	3946	rBV	5947243	21724878	100.00%	7.846%
49	26.263	3952	3957	3971	rVB3	111695	315860	1.45%	0.114%

Sum of corrected areas: 276882468

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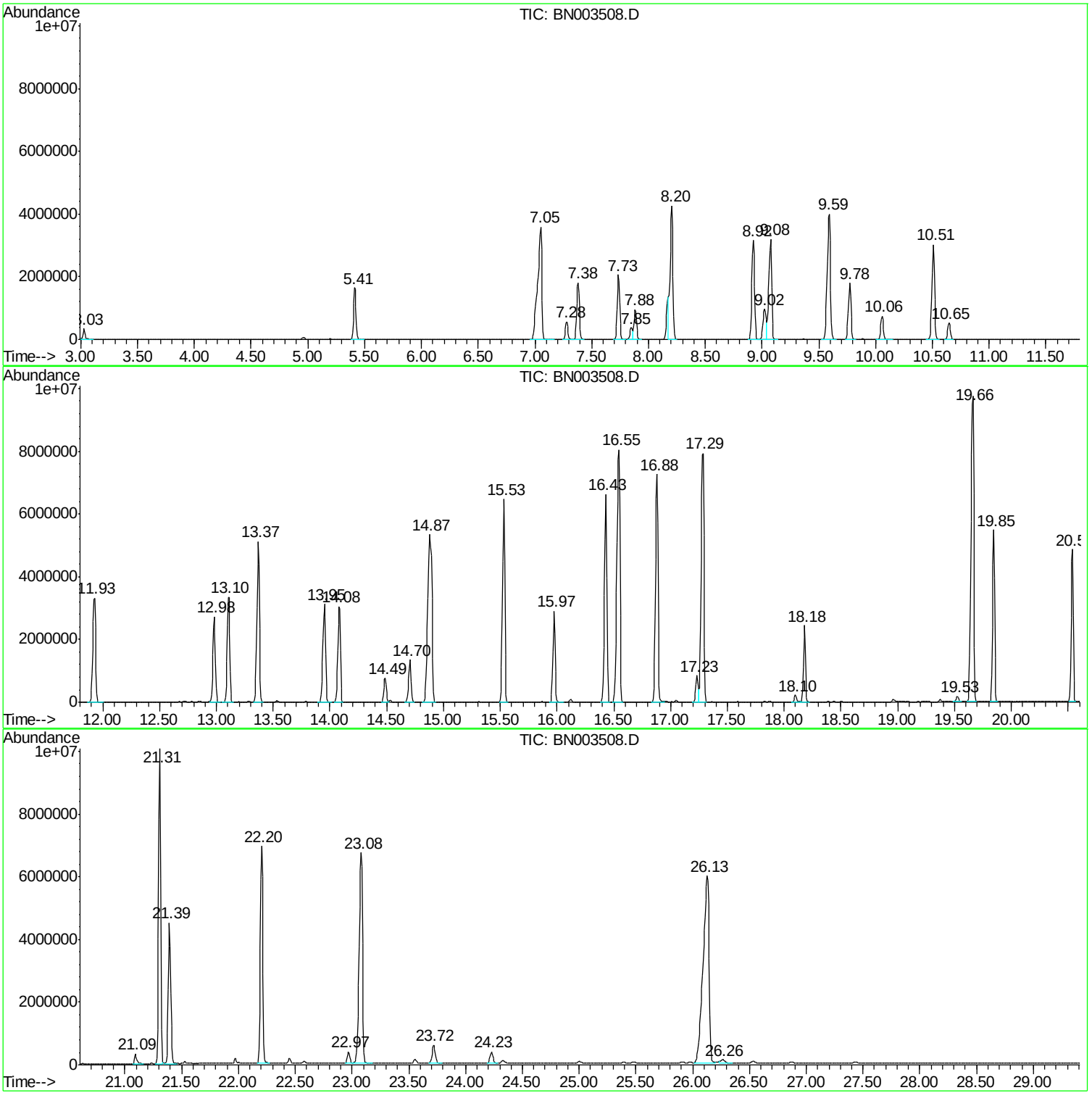
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-BNA-Soil

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
Data File : BN003508.D
Acq On : 12 Nov 2018 14:53
Operator : MJ/SJ
Sample : J5807-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PT-BNA-Soil

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

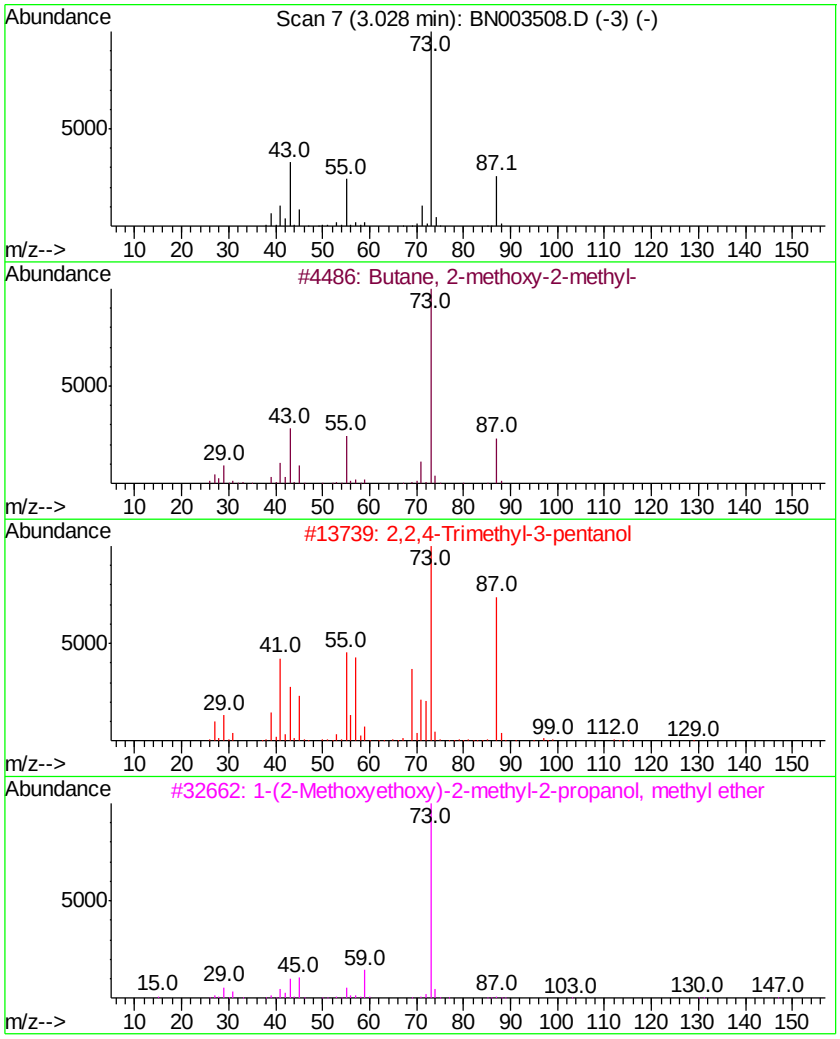
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

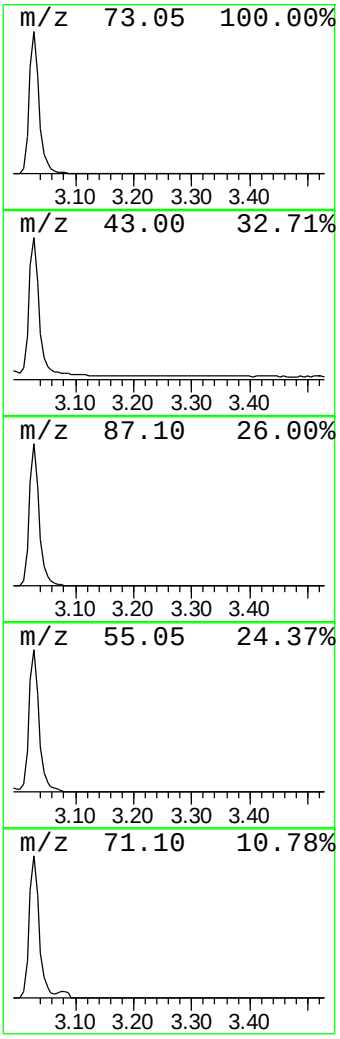
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	13.08 ng	409544	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
Data File : BN003508.D
Acq On : 12 Nov 2018 14:53
Operator : MJ/SJ
Sample : J5807-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PT-BNA-Soil

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

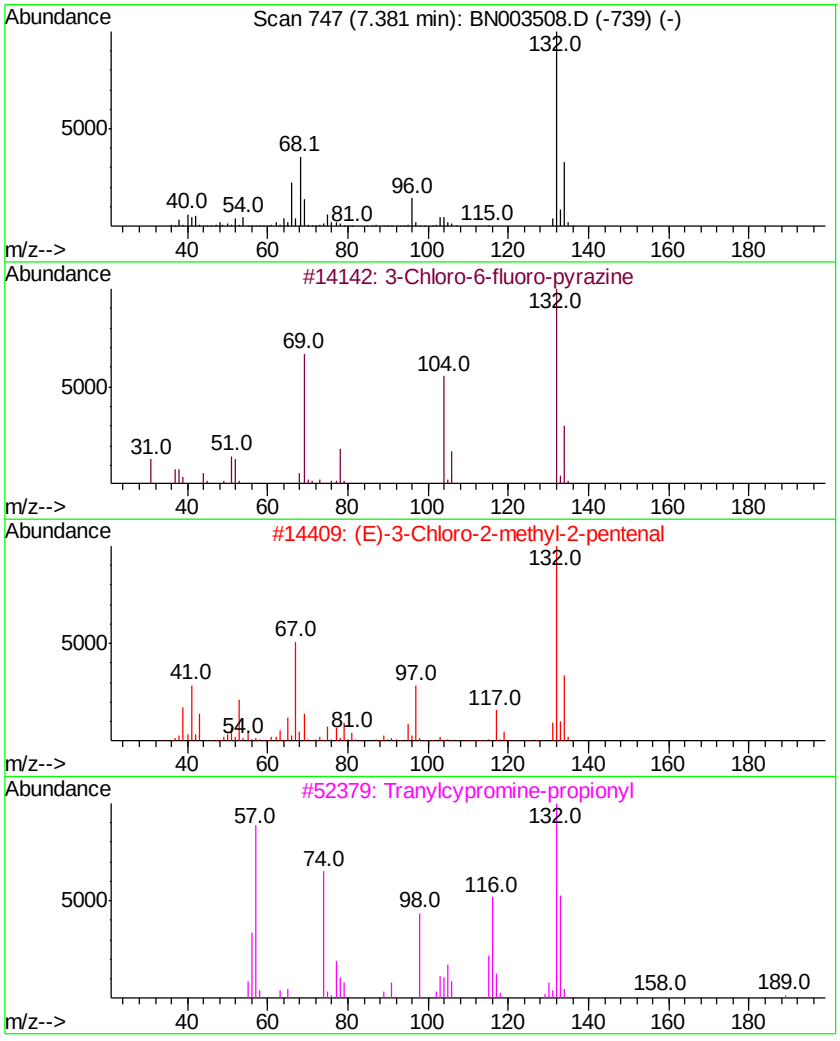
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

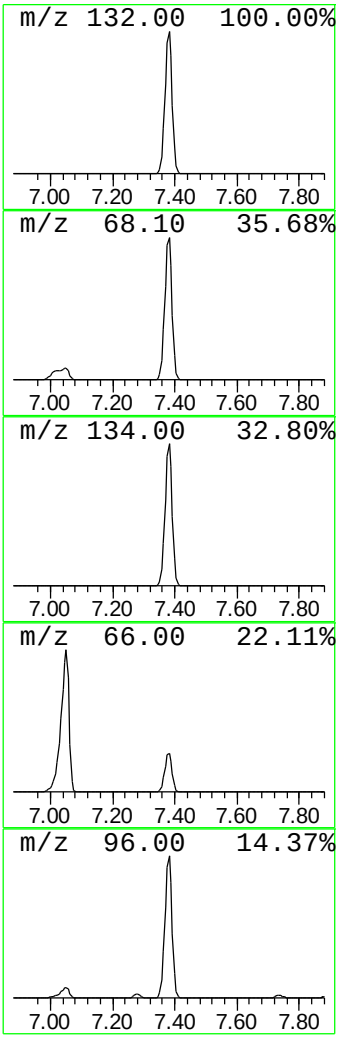
****

Peak Number 2 unknown7.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	93.84 ng	2939190	1,4-Dichlorobenzene-d4	7.85

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	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
Data File : BN003508.D
Acq On : 12 Nov 2018 14:53
Operator : MJ/SJ
Sample : J5807-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PT-BNA-Soil

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN111218.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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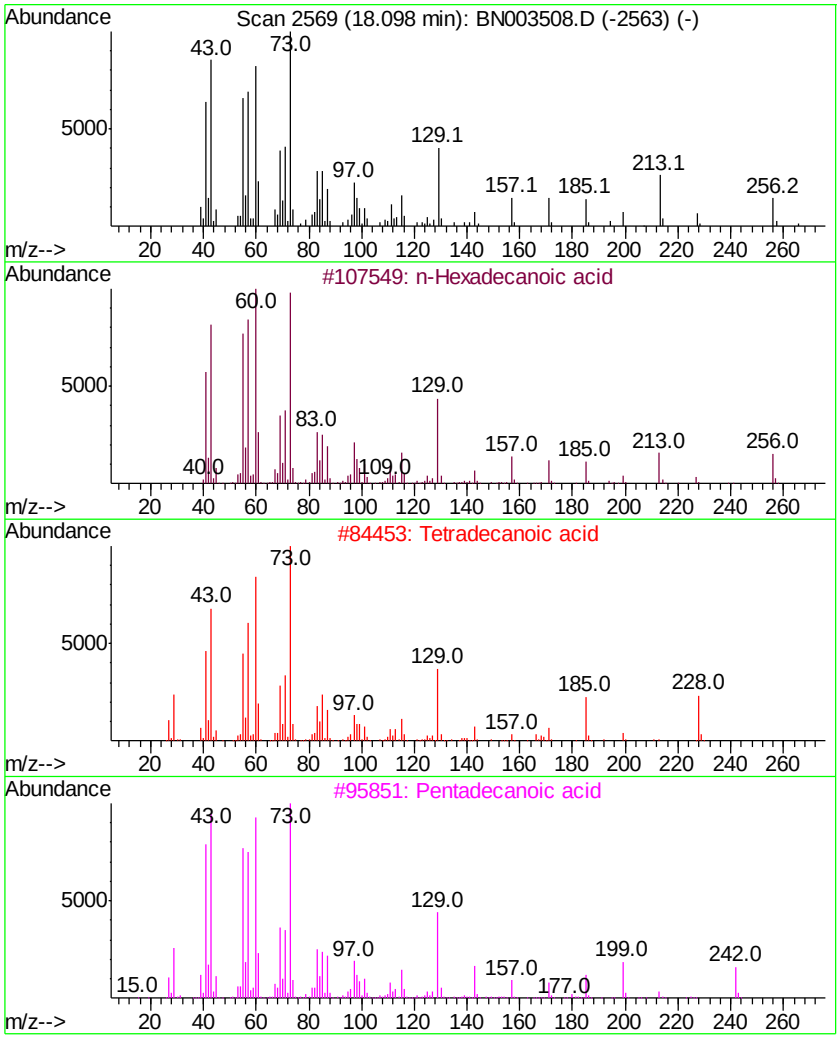
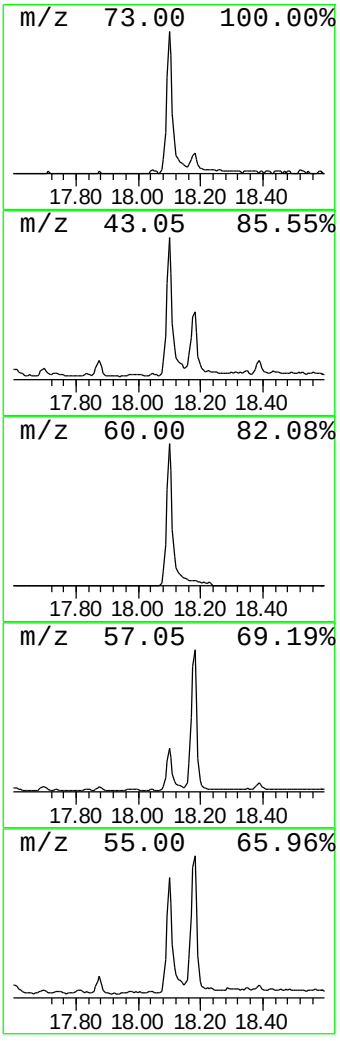
Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	4.75 ng	306132	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
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Operator : MJ/SJ
Sample : J5807-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PT-BNA-Soil

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN111218.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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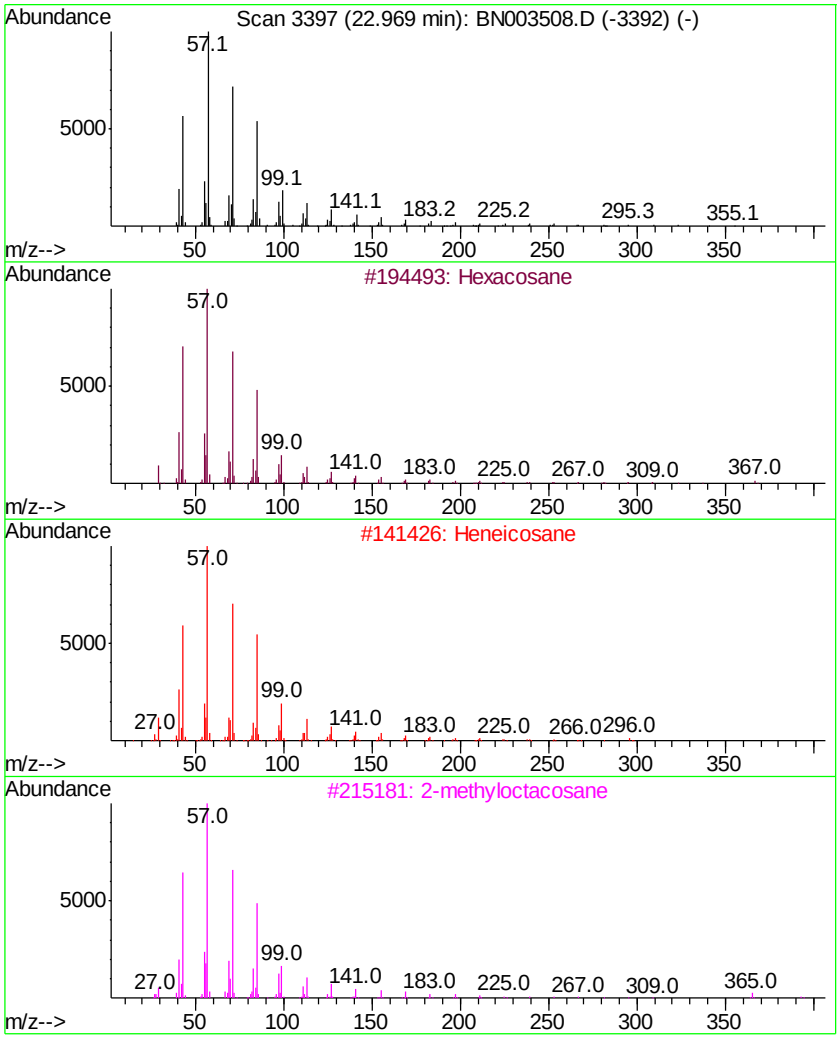
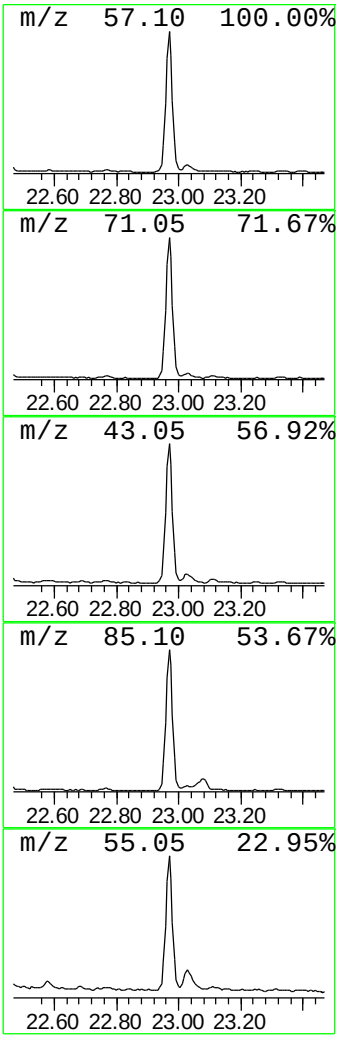
Peak Number 4 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	9.62 ng	546490	Perylene-d12	23.72

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	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Octacosane	394	C28H58	000630-02-4	91





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PT-BNA-Soil

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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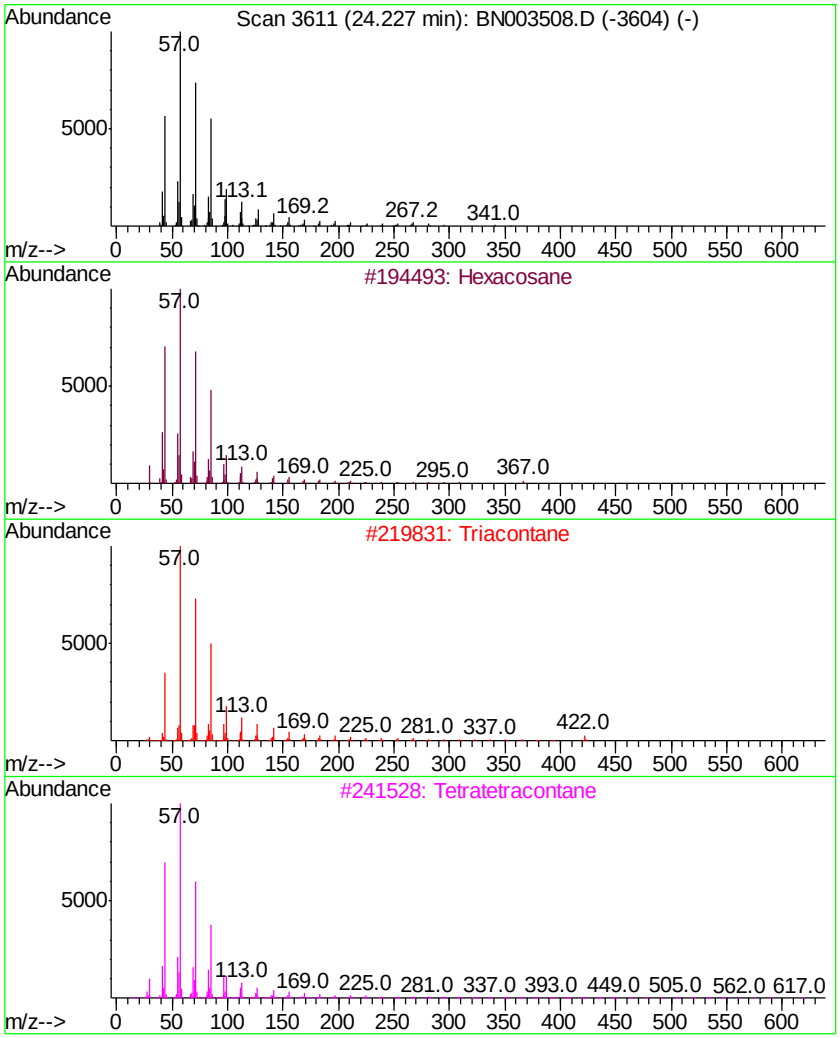
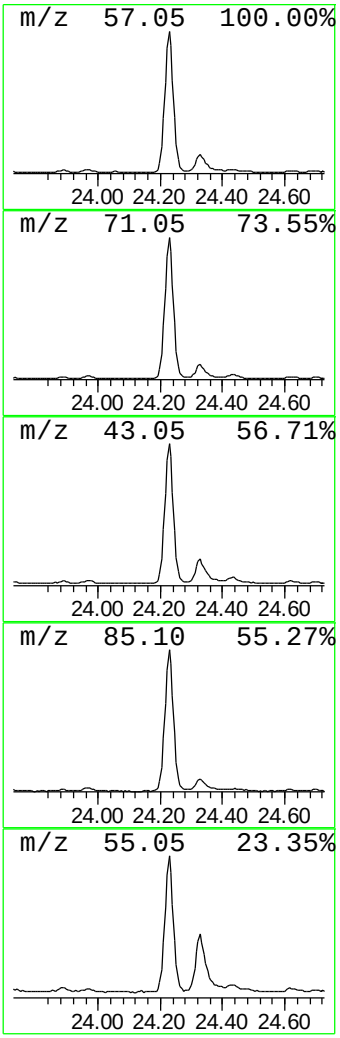
Peak Number 5 Triacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	12.16 ng	690953	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Triacontane	422	C30H62	000638-68-6	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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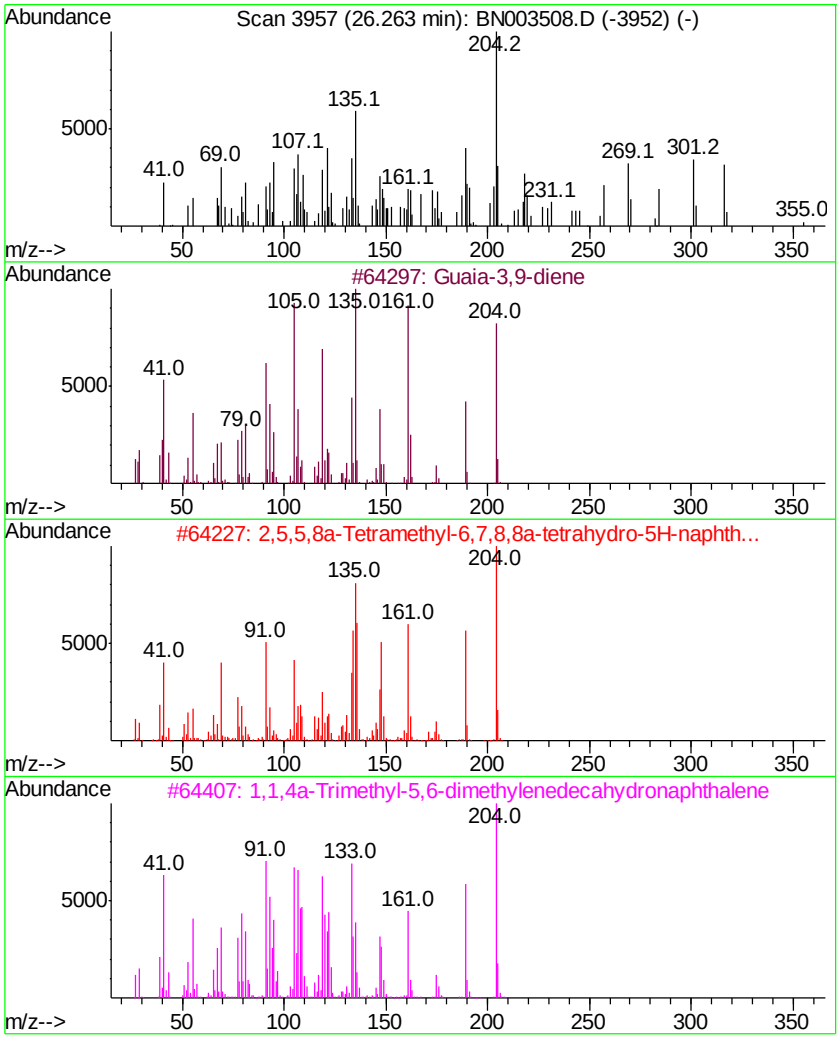
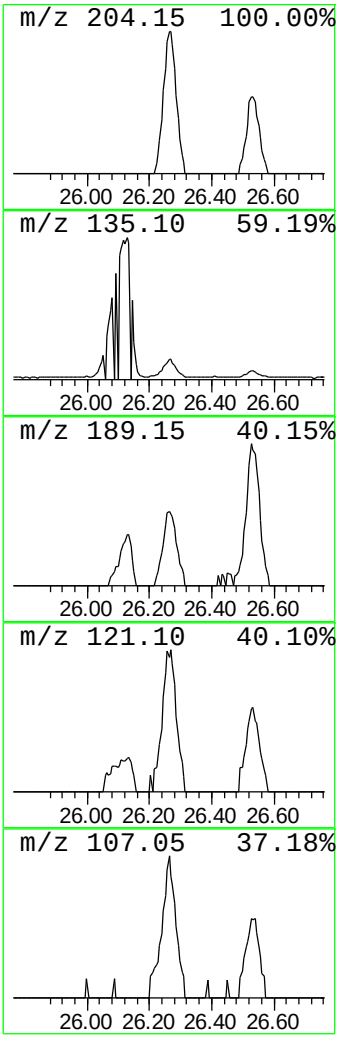
****

Peak Number 6 unknown26.26 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.26	5.56 ng	315860	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guaia-3,9-diene	204	C15H24	000489-83-8	46
2	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	46
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	35
4	5-Methyl-4-(O-tolyl)-2-thiazolamine	204	C11H12N2S	016942-68-0	30
5	Coumarin, 3,4-dihydro-4,4,6,8-te...	204	C13H16O2	249629-60-5	30





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.03	13.1	ng	409544	1	7.85	626425	20.0
unknown7.38	7.38	93.8	ng	2939190	1	7.85	626425	20.0
n-Hexadecanoic acid	18.10	4.8	ng	306132	4	17.23	1288290	20.0
Hexacosane	22.97	9.6	ng	546490	6	23.72	1136150	20.0
Triacontane	24.23	12.2	ng	690953	6	23.72	1136150	20.0
unknown26.26	26.26	5.6	ng	315860	6	23.72	1136150	20.0