LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030618\
Data File : BN000268.D
Acq On : 06 Mar 2018 17:42
Operator : JU/SJ
Sample : J1699-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B8

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:\HPCHEM1\BNA_N\METHODS\8270-BN020718.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	3.228	36	41	51	rBV2	83423	207652	1.78%	0.226%
2	3.311	51	55	73	rVB	163446	281102	2.40%	0.305%
3	5.434	408	416	422	rBV	72950	122623	1.05%	0.133%
4	5.928	492	500	513	rBV	3202728	5186307	44.35%	5.634%
5	7.575	771	780	790	rBV	3621983	5955352	50.93%	6.470%
6	7.969	838	847	864	rBV	3568747	6028261	51.55%	6.549%
7	8.446	921	928	942	rVB	903031	1520098	13.00%	1.651%
8	8.781	977	985	995	rVB	2630073	4492476	38.42%	4.881%
9	9.628	1117	1129	1137	rBV	2211247	3711046	31.73%	4.032%
10	11.287	1403	1411	1419	rBV	1467682	2466035	21.09%	2.679%
11	13.422	1768	1774	1782	rBV	151371	271443	2.32%	0.295%
12	13.687	1809	1819	1828	rBV	6044251	9483270	81.10%	10.303%
13	13.857	1843	1848	1853	rBV3	66648	120864	1.03%	0.131%
14	13.969	1863	1867	1871	rVB	142093	190762	1.63%	0.207%
15	14.422	1940	1944	1950	rVB4	76050	125691	1.07%	0.137%
16	14.487	1950	1955	1956	rBV3	160257	222929	1.91%	0.242%
17	14.563	1963	1968	1972	rBV4	104381	198347	1.70%	0.215%
18	14.804	2003	2009	2013	rBV5	133450	289348	2.47%	0.314%
19	14.887	2020	2023	2026	rBV3	112252	139586	1.19%	0.152%
20	14.998	2038	2042	2044	rBV2	152852	225280	1.93%	0.245%
21	15.057	2047	2052	2059	rVB2	2429150	3960017	33.86%	4.302%
22	15.122	2060	2063	2066	rBV4	112130	163847	1.40%	0.178%
23	15.357	2100	2103	2108	rBV4	168324	285749	2.44%	0.310%
24	15.410	2109	2112	2117	rVV	140428	204853	1.75%	0.223%
25	15.528	2129	2132	2139	rBV2	189802	388561	3.32%	0.422%
26	15.598	2141	2144	2147	rVB	171973	213849	1.83%	0.232%
27	15.834	2178	2184	2187	rBV4	387360	837054	7.16%	0.909%
28	15.916	2194	2198	2203	rBV	376909	693172	5.93%	0.753%
29	16.257	2250	2256	2261	rBV	780565	1580587	13.52%	1.717%
30	16.528	2297	2302	2310	rBV	3914531	6251768	53.46%	6.792%
31	16.733	2333	2337	2344	rVB	1455185	2244983	19.20%	2.439%
32	17.551	2472	2476	2480	rVB	1389763	1939782	16.59%	2.107%
33	17.780	2510	2515	2520	rBV2	2757502	4343012	37.14%	4.718%
34	18.028	2554	2557	2564	rBV2	623910	978494	8.37%	1.063%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030618\
Data File : BN000268.D
Acq On : 06 Mar 2018 17:42
Operator : JU/SJ
Sample : J1699-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B8

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:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.698	2668	2671	2675	rBV	1771704	1919219	16.41%	2.085%
36	20.339	2945	2950	2955	rVB	9157333	11693957	100.00%	12.704%
37	20.610	2994	2996	3001	rVB	400730	446888	3.82%	0.486%
38	21.098	3076	3079	3083	rVB	367101	384460	3.29%	0.418%
39	21.557	3153	3157	3172	rVB	629298	1216569	10.40%	1.322%
40	21.763	3189	3192	3197	rVB	225745	277737	2.38%	0.302%
41	21.892	3209	3214	3227	rVB2	3535619	4884575	41.77%	5.307%
42	22.498	3315	3317	3323	rVB	143028	180455	1.54%	0.196%
43	23.545	3491	3495	3500	rBV	131144	202251	1.73%	0.220%
44	24.180	3600	3603	3610	rVB2	107188	184207	1.58%	0.200%
45	24.368	3627	3635	3648	rVB2	2429628	5008585	42.83%	5.441%
46	24.910	3723	3727	3735	rVB	160014	323857	2.77%	0.352%

Sum of corrected areas: 92046960

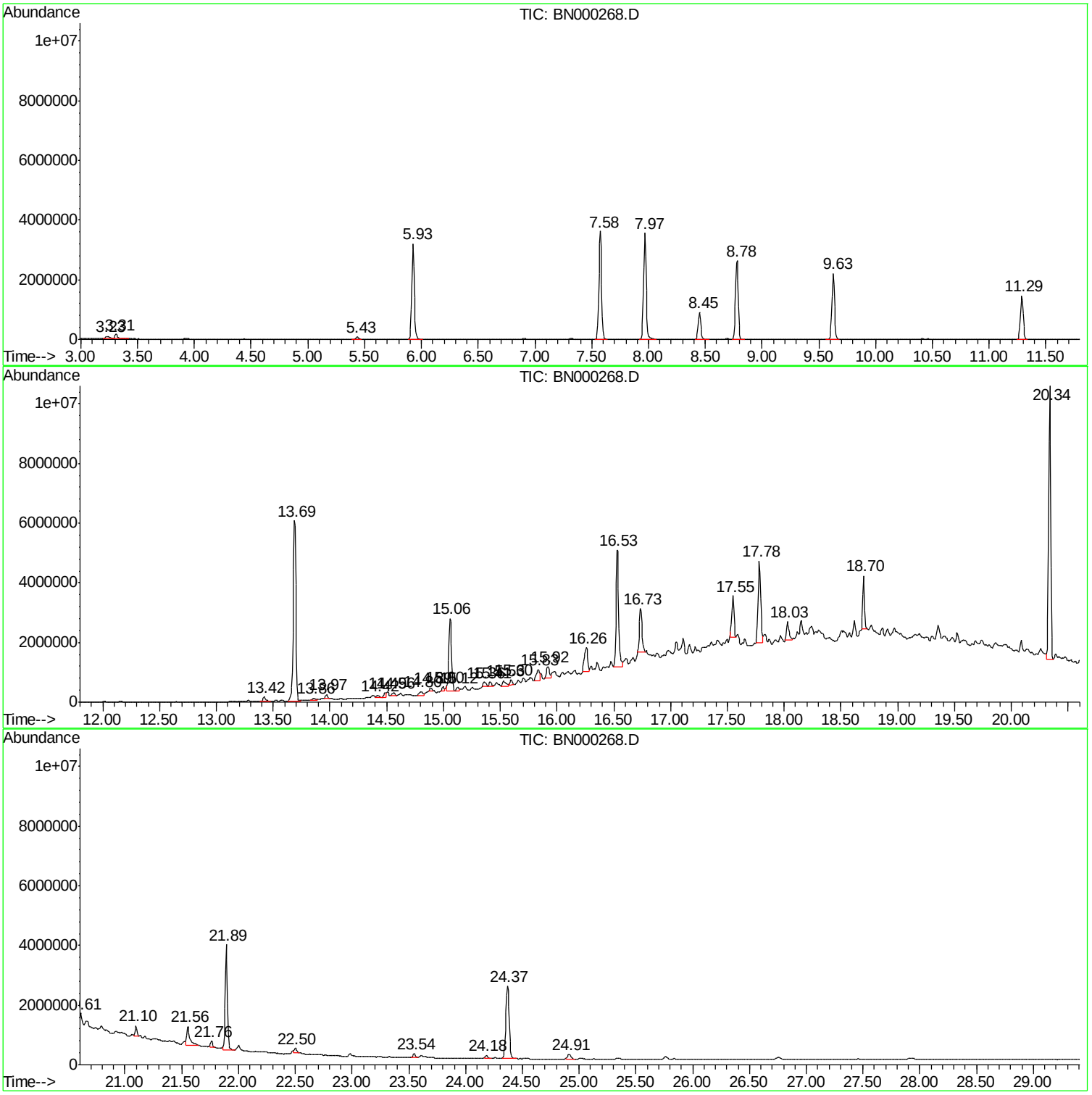
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030618\
Data File : BN000268.D
Acq On : 06 Mar 2018 17:42
Operator : JU/SJ
Sample : J1699-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B8

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030618\
Data File : BN000268.D
Acq On : 06 Mar 2018 17:42
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Sample : J1699-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

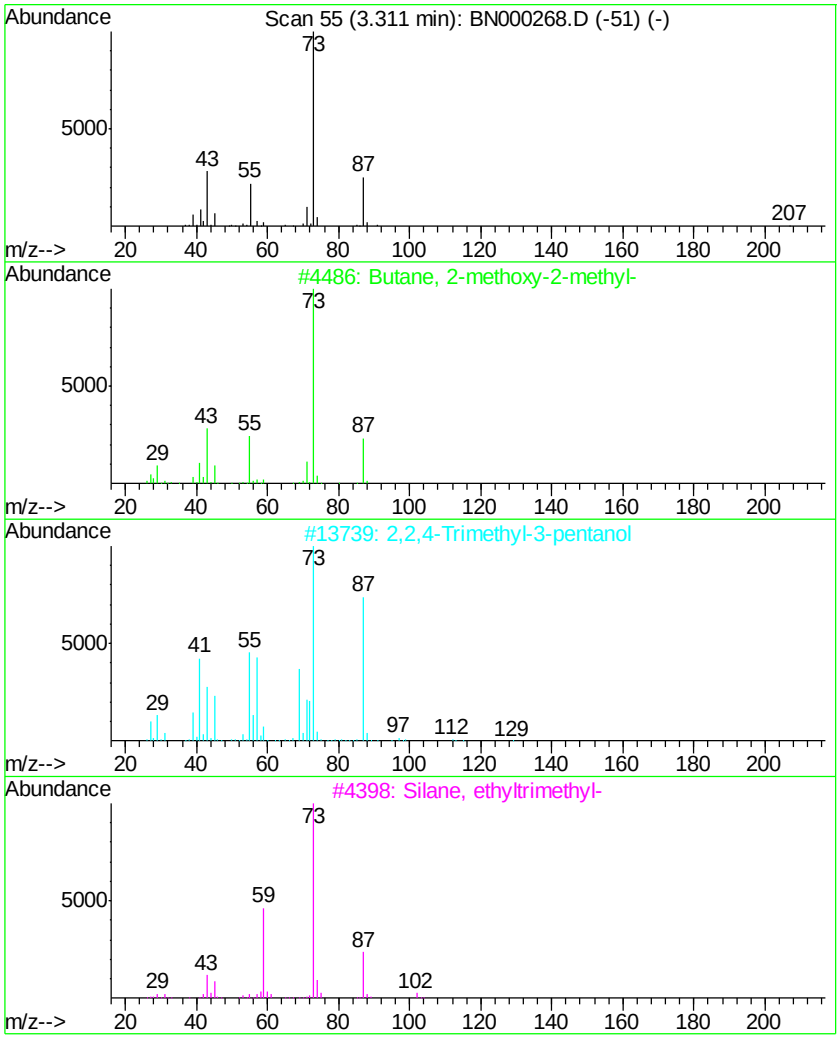
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

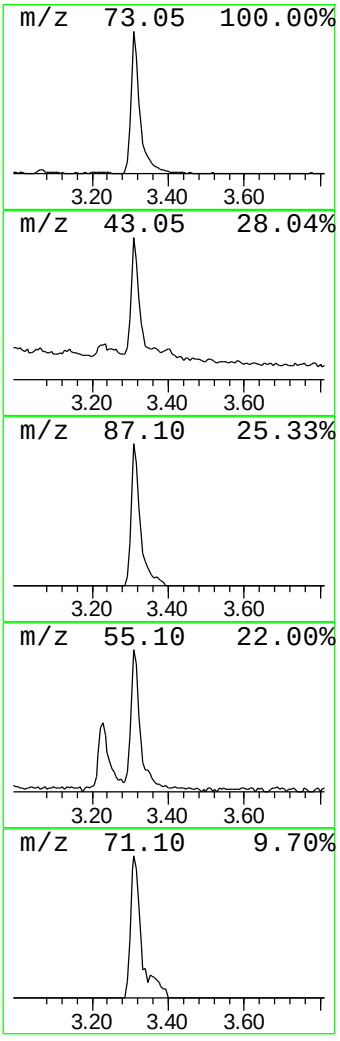
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	3.70 ng	281102	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Operator : JU/SJ
Sample : J1699-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B8

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

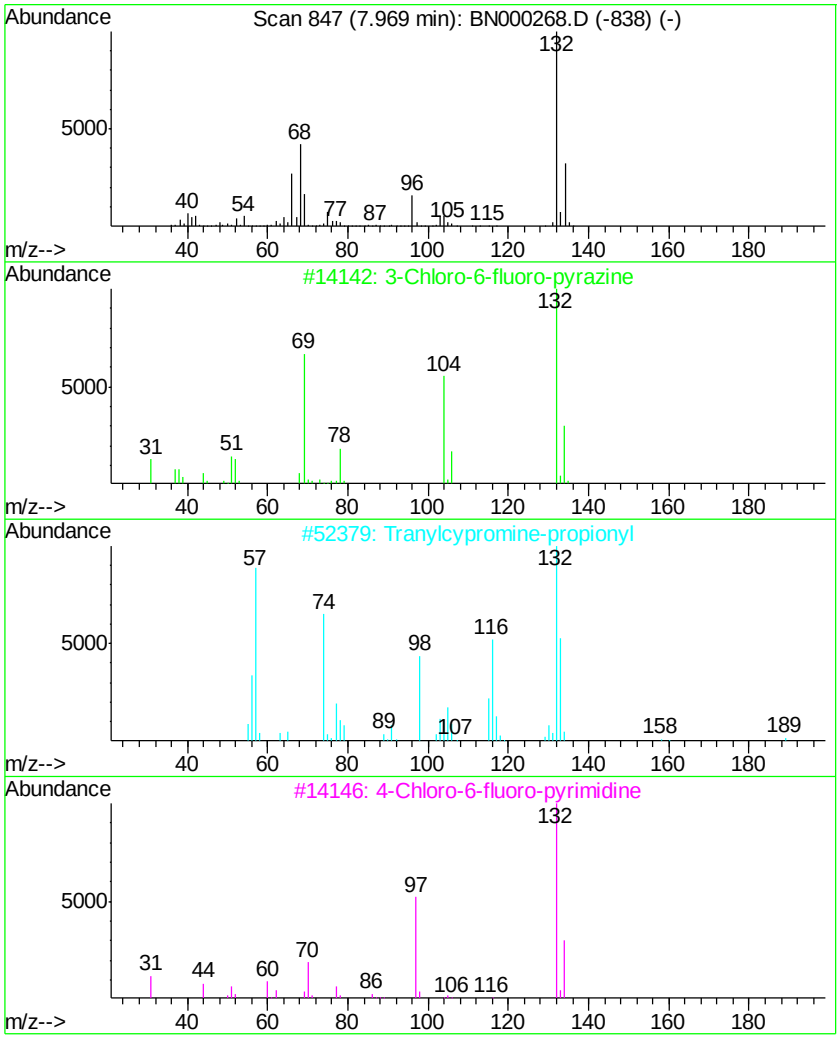
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

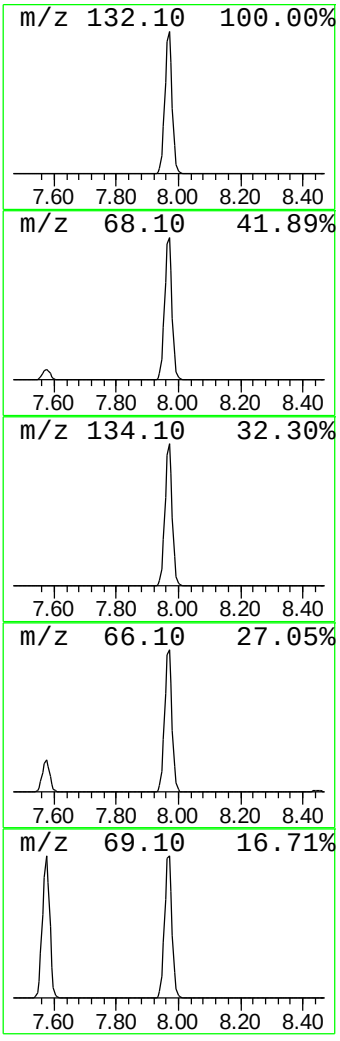
****

Peak Number 3 unknown7.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	79.31 ng	6028260	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Sample : J1699-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B8

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

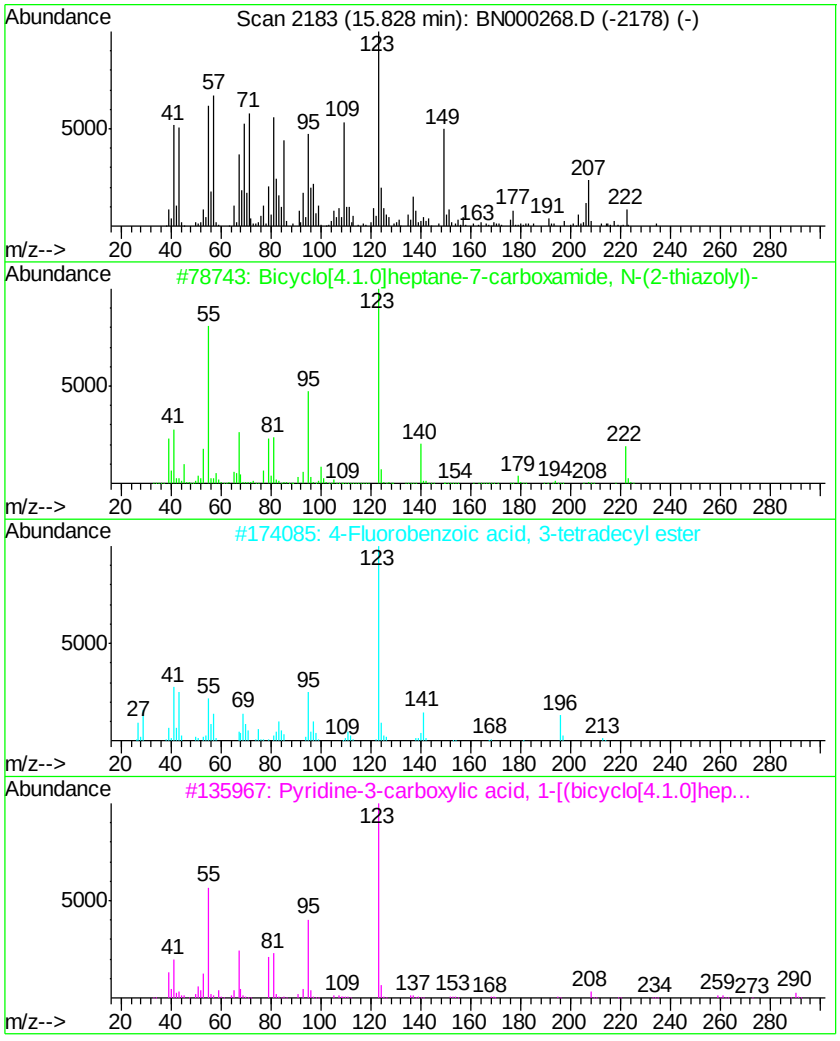
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

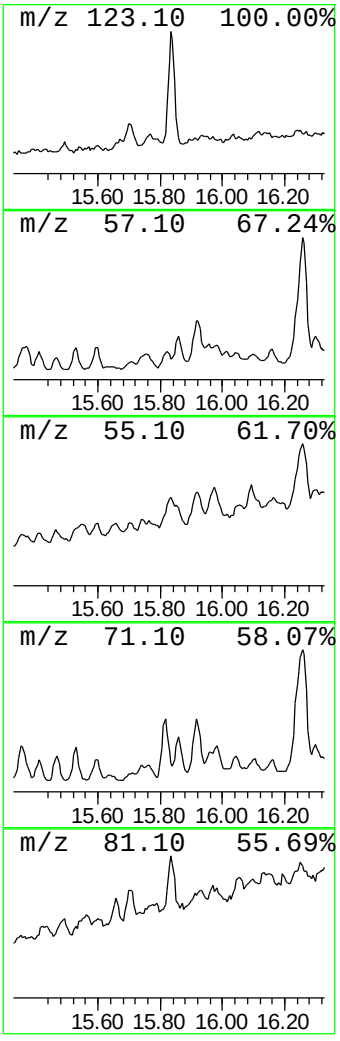
****

Peak Number 5 unknown15.83 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.23 ng	837054	Acenaphthene-d10	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	38
2	4-Fluorobenzoic acid, 3-tetradec...	336	C21H33FO2	1000280-68-1	35
3	Pyridine-3-carboxylic acid, 1-[(...	290	C15H18N2O4	1000310-27-9	27
4	2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	27
5	N-(4-Nitro-1,8-naphthalimido)-4-...	379	C19H10FN3O5	300690-90-8	27





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : B8

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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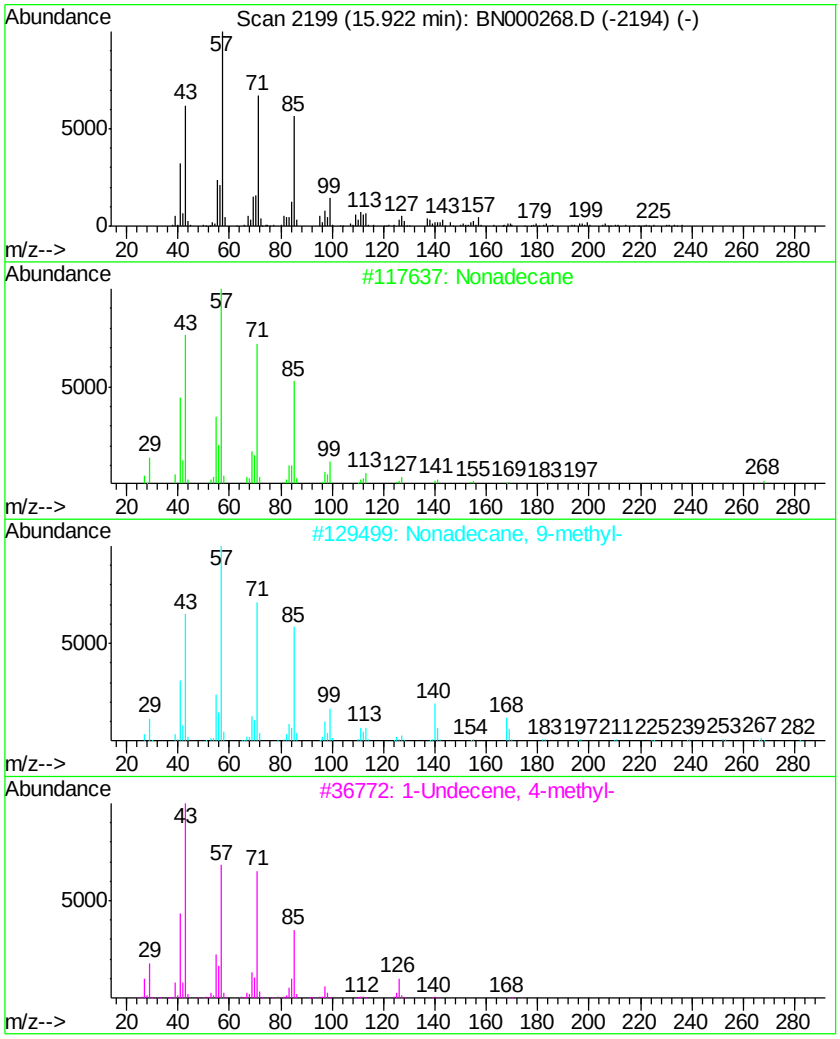
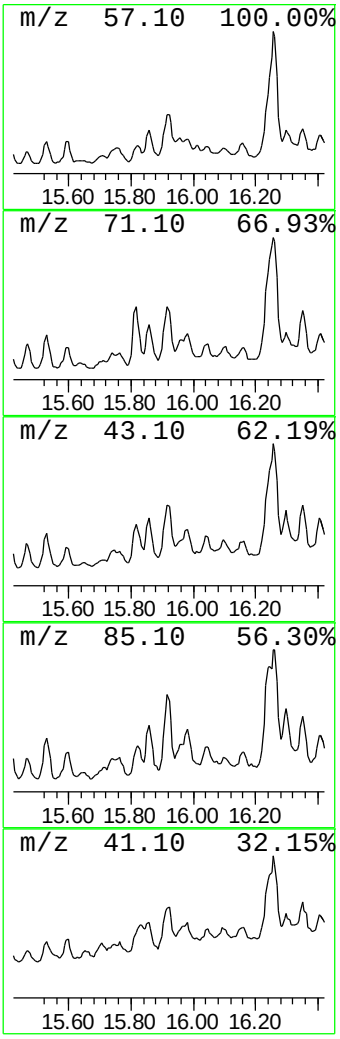
Peak Number 6 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.50 ng	693172	Acenaphthene-d10	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
3	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58





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Operator : JU/SJ
Sample : J1699-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B8

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

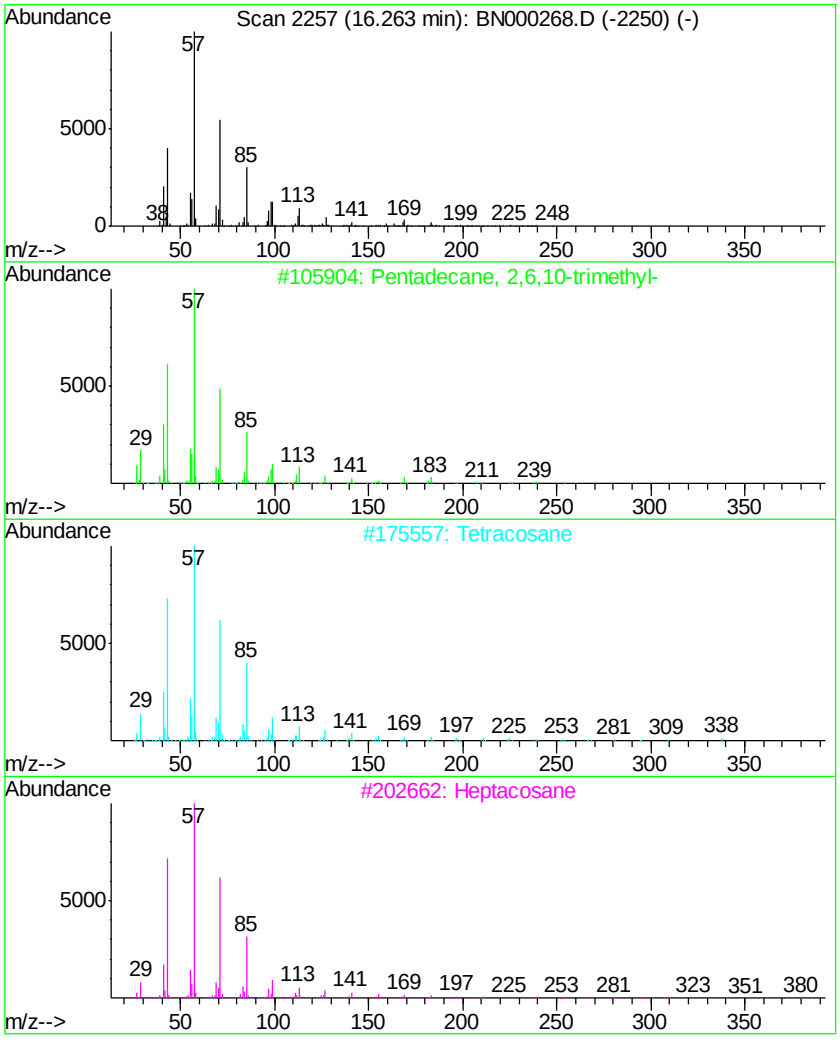
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

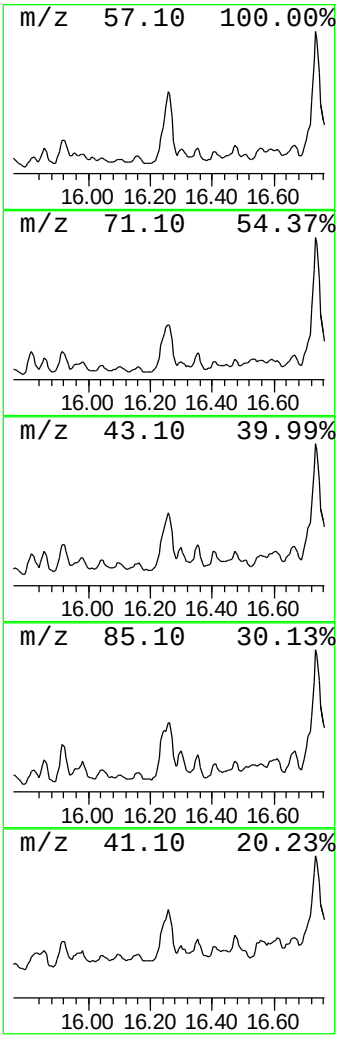
****

Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	7.98 ng	1580590	Acenaphthene-d10	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tetracosane	338	C24H50	000646-31-1	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5	Hexadecane	226	C16H34	000544-76-3	64





Library Search Compound Report

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Data File : BN000268.D
Acq On : 06 Mar 2018 17:42
Operator : JU/SJ
Sample : J1699-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B8

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.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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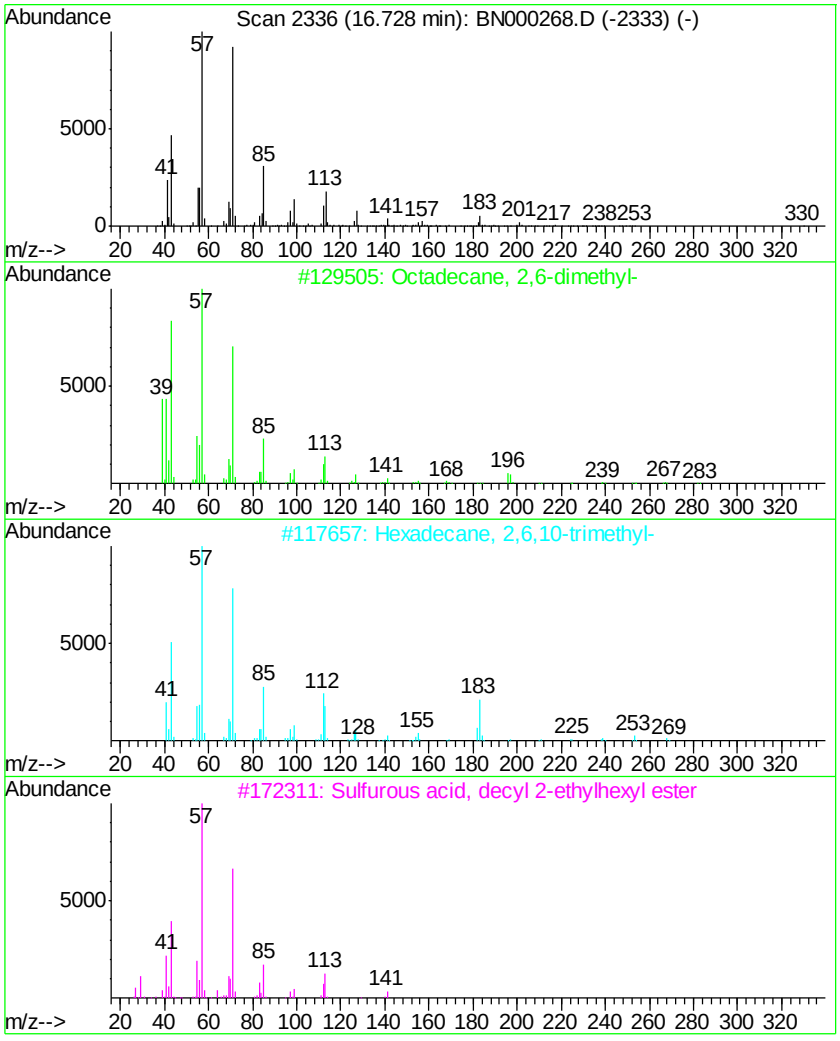
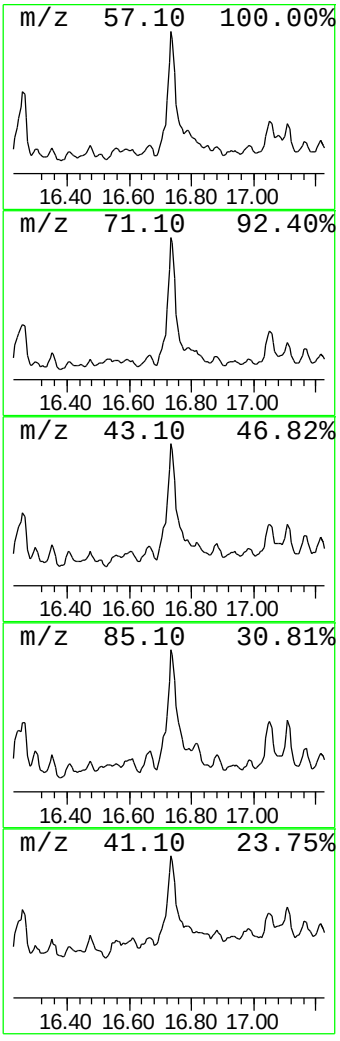
Peak Number 8 Octadecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	10.34 ng	2244980	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	78
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

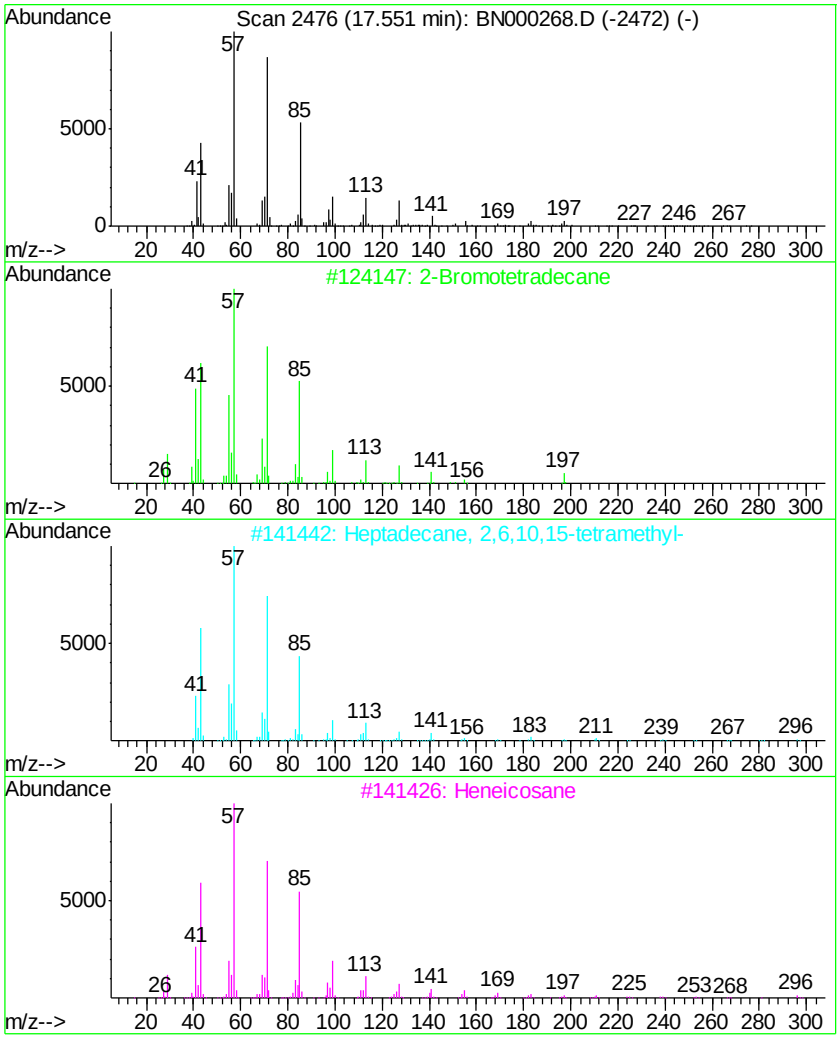
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

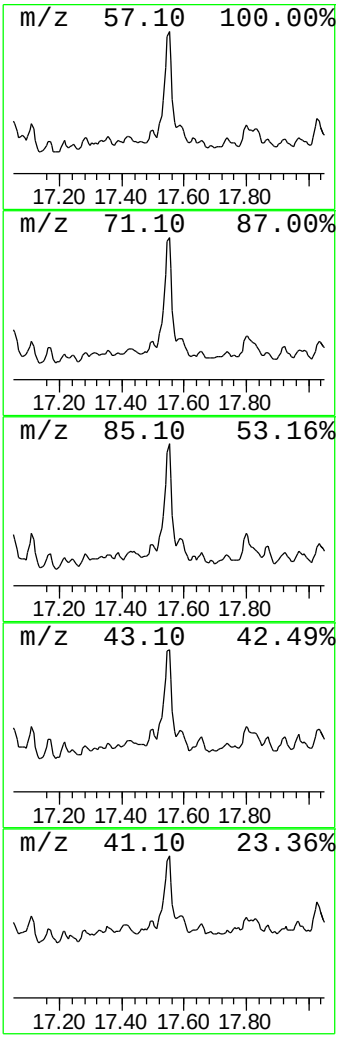
****

Peak Number 9 2-Bromotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	8.93 ng	1939780	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Tetracosane	338	C24H50	000646-31-1	72





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Data File : BN000268.D
Acq On : 06 Mar 2018 17:42
Operator : JU/SJ
Sample : J1699-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B8

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.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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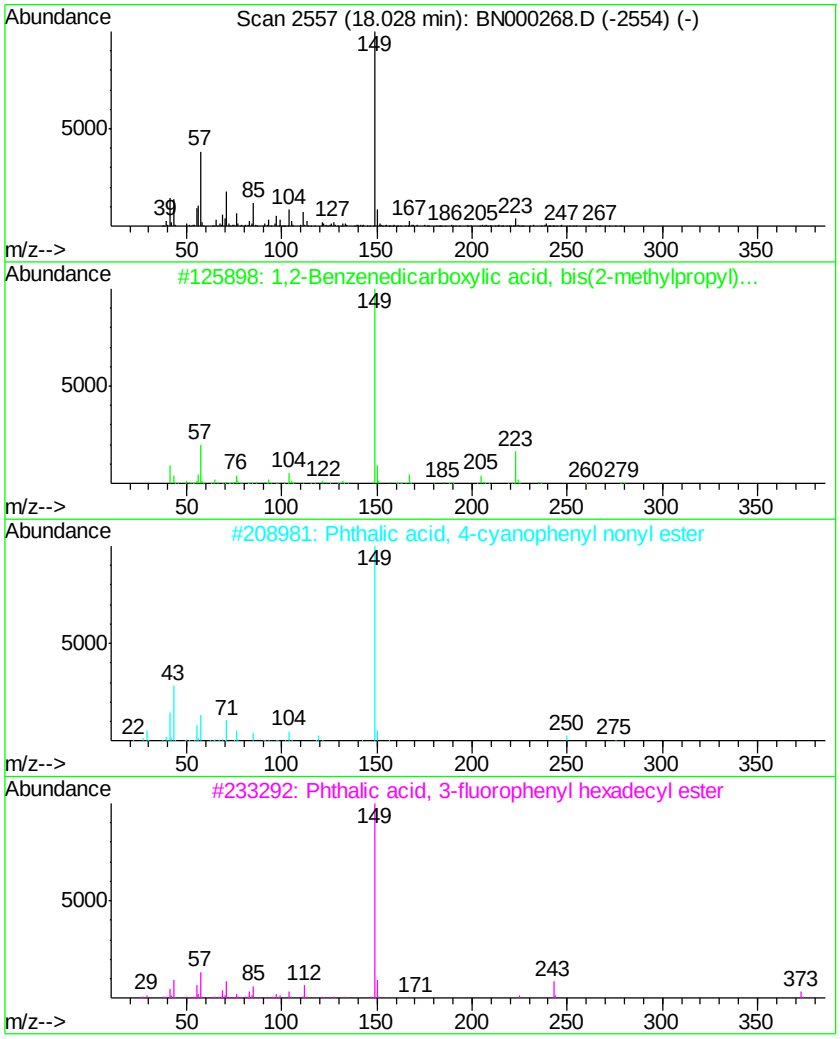
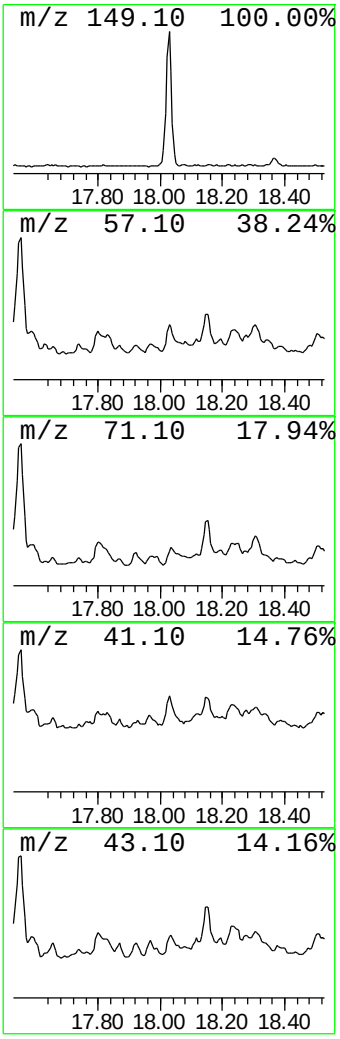
Peak Number 10 1,2-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.51 ng	978494	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	94
2	Phthalic acid, 4-cyanophenyl non...	393	C24H27NO4	1000309-79-7	78
3	Phthalic acid, 3-fluorophenyl he...	484	C30H41FO4	1000356-66-4	78
4	Phthalic acid, cyclobutyl decyl ...	360	C22H32O4	1000314-90-5	72
5	Phthalic acid, neopentyl propyl ...	278	C16H22O4	1000308-97-2	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030618\
Data File : BN000268.D
Acq On : 06 Mar 2018 17:42
Operator : JU/SJ
Sample : J1699-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B8

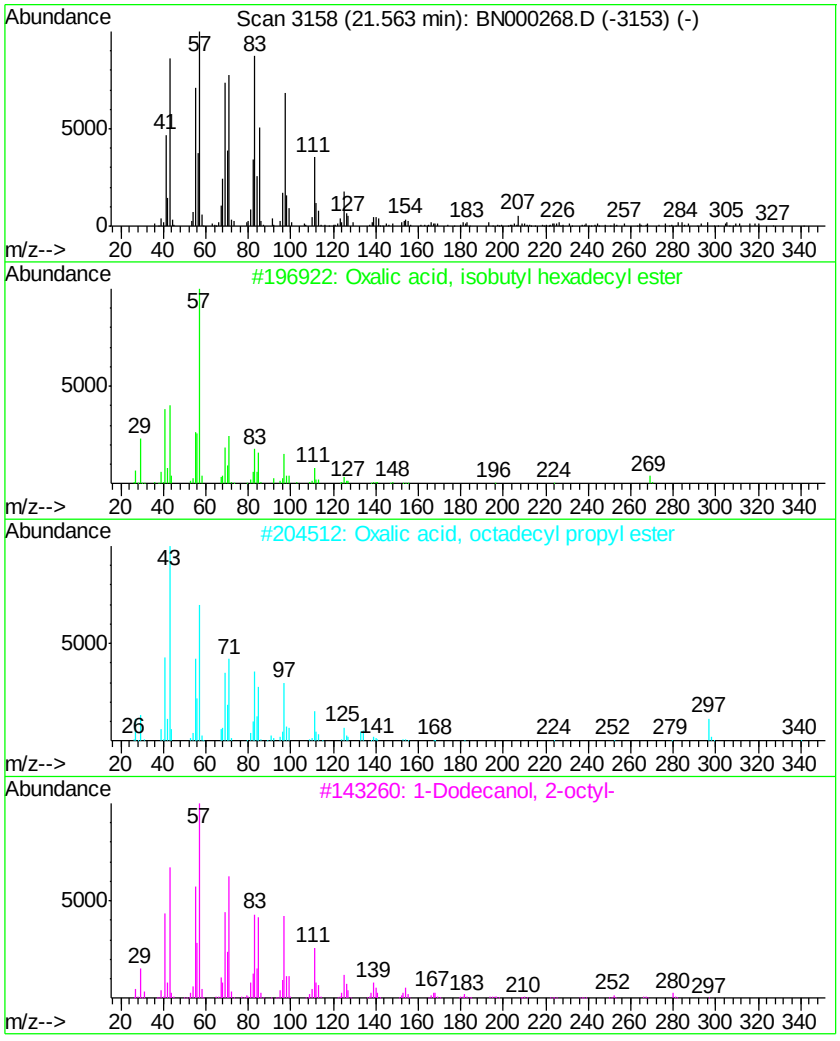
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

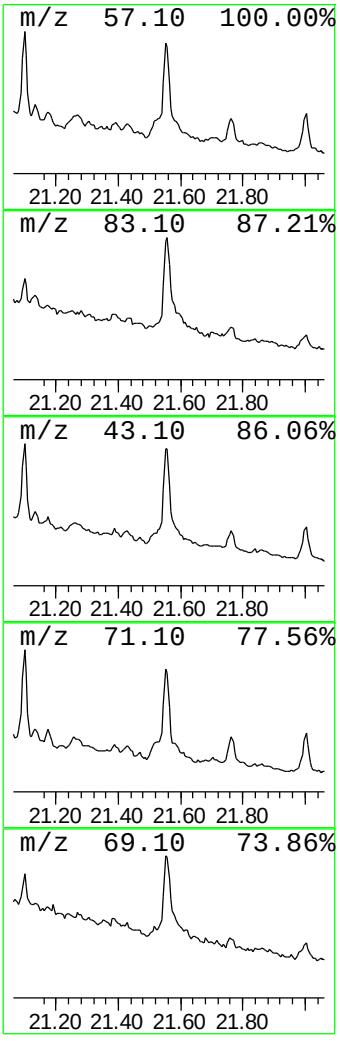
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Oxalic acid, isobutyl hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	4.98 ng	1216570	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN030618\
Data File : BN000268.D
Acq On : 06 Mar 2018 17:42
Operator : JU/SJ
Sample : J1699-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B8

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.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
Butane, 2-methoxy...	3.31	3.7	ng	281102	1	8.45	1520100	20.0
unknown7.97	7.97	79.3	ng	6028260	1	8.45	1520100	20.0
unknown15.83	15.83	4.2	ng	837054	3	15.06	3960020	20.0
Nonadecane	15.92	3.5	ng	693172	3	15.06	3960020	20.0
Pentadecane, 2,6,...	16.26	8.0	ng	1580590	3	15.06	3960020	20.0
Octadecane, 2,6-d...	16.73	10.3	ng	2244980	4	17.78	4343010	20.0
2-Bromotetradecane	17.55	8.9	ng	1939780	4	17.78	4343010	20.0
1,2-Benzenedicarb...	18.03	4.5	ng	978494	4	17.78	4343010	20.0
Oxalic acid, isob...	21.56	5.0	ng	1216570	5	21.89	4884580	20.0