LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029077.D
Acq On : 10 Mar 2021 19:36
Operator : CG/JU
Sample : M1616-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-19-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_M\Methods\8270-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029077.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	377	382	397	rBV	124784	178561	48.11%	6.863%
2	6.857	653	658	674	rBV	114031	189067	50.94%	7.266%
3	7.663	790	795	802	rBV	28920	42639	11.49%	1.639%
4	8.840	989	995	1007	rBV	76577	121276	32.68%	4.661%
5	10.457	1263	1270	1276	rBV	36969	58465	15.75%	2.247%
6	10.598	1289	1294	1299	rVB	7240	10454	2.82%	0.402%
7	11.275	1404	1409	1414	rBV3	2994	5097	1.37%	0.196%
8	11.363	1419	1424	1429	rVB3	2347	4315	1.16%	0.166%
9	11.457	1435	1440	1445	rBV	11534	18080	4.87%	0.695%
10	12.092	1539	1548	1551	rVB5	2791	5658	1.52%	0.217%
11	12.351	1582	1592	1596	rBV3	3546	9028	2.43%	0.347%
12	12.516	1614	1620	1624	rBV4	2542	4770	1.29%	0.183%
13	12.575	1624	1630	1635	rVB5	3825	8413	2.27%	0.323%
14	12.839	1670	1675	1682	rVB	16066	22450	6.05%	0.863%
15	12.945	1687	1693	1701	rVB	168256	238806	64.34%	9.178%
16	13.157	1724	1729	1733	rVB7	3696	7107	1.91%	0.273%
17	13.222	1736	1740	1744	rBV2	5522	7929	2.14%	0.305%
18	13.298	1750	1753	1758	rVB4	2849	4265	1.15%	0.164%
19	13.357	1758	1763	1764	rBV2	3635	5011	1.35%	0.193%
20	13.486	1782	1785	1787	rBV3	8213	10645	2.87%	0.409%
21	13.510	1787	1789	1797	rVB5	6817	9855	2.66%	0.379%
22	13.651	1807	1813	1819	rBV2	14625	28251	7.61%	1.086%
23	13.704	1819	1822	1830	rVB7	10955	19144	5.16%	0.736%
24	13.798	1830	1838	1843	rBV	29786	43395	11.69%	1.668%
25	13.851	1843	1847	1850	rVV4	3678	5909	1.59%	0.227%
26	13.886	1850	1853	1857	rVV3	4380	6888	1.86%	0.265%
27	13.969	1862	1867	1871	rBV4	2851	4763	1.28%	0.183%
28	14.057	1878	1882	1889	rBV8	2679	5095	1.37%	0.196%
29	14.145	1893	1897	1905	rVB4	3718	9294	2.50%	0.357%
30	14.222	1905	1910	1915	rBV5	5076	10467	2.82%	0.402%
31	14.286	1918	1921	1923	rVV3	4741	5927	1.60%	0.228%
32	14.333	1924	1929	1935	rVB	58008	83169	22.41%	3.196%
33	14.551	1960	1966	1973	rVB2	6876	17709	4.77%	0.681%
34	14.727	1992	1996	2001	rVB3	12397	18380	4.95%	0.706%
35	14.810	2007	2010	2013	rBV2	8109	8622	2.32%	0.331%
36	14.845	2013	2016	2022	rVB4	7557	10423	2.81%	0.401%

LSC Area Percent Report

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Acq On : 10 Mar 2021 19:36
Operator : CG/JU
Sample : M1616-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-19-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_M\Methods\8270-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.957	2030	2035	2041	rBV5	7076	11857	3.19%	0.456%
38	15.010	2041	2044	2048	rBV	5865	6451	1.74%	0.248%
39	15.274	2086	2089	2100	rVB5	4186	10916	2.94%	0.420%
40	15.374	2100	2106	2107	rBV4	4252	6900	1.86%	0.265%
41	15.421	2112	2114	2118	rVB3	3206	4124	1.11%	0.158%
42	15.510	2127	2129	2132	rVB	4047	3743	1.01%	0.144%
43	15.580	2132	2141	2147	rBV	23404	43832	11.81%	1.685%
44	15.674	2153	2157	2160	rBV3	3417	4716	1.27%	0.181%
45	15.792	2174	2177	2179	rBV2	4678	5793	1.56%	0.223%
46	15.833	2179	2184	2191	rVB	144282	193925	52.25%	7.453%
47	16.063	2215	2223	2227	rBV	42982	67278	18.13%	2.586%
48	16.104	2227	2230	2233	rVV4	3023	4070	1.10%	0.156%
49	16.163	2236	2240	2242	rBV3	2991	3823	1.03%	0.147%
50	16.380	2274	2277	2280	rBV2	3541	4299	1.16%	0.165%
51	16.439	2284	2287	2292	rVB3	9288	12049	3.25%	0.463%
52	16.833	2351	2354	2357	rBV3	3155	4144	1.12%	0.159%
53	16.880	2357	2362	2372	rVB2	25578	42993	11.58%	1.652%
54	17.080	2390	2396	2401	rBV	71810	99363	26.77%	3.819%
55	17.121	2401	2403	2409	rVB2	4523	6306	1.70%	0.242%
56	17.427	2451	2455	2458	rBV5	3042	3741	1.01%	0.144%
57	17.480	2461	2464	2470	rVB5	5912	9276	2.50%	0.357%
58	17.663	2491	2495	2500	rVB4	3017	5512	1.49%	0.212%
59	17.974	2541	2548	2561	rBV2	32359	58382	15.73%	2.244%
60	18.709	2668	2673	2678	rBV	12395	16764	4.52%	0.644%
61	19.127	2740	2744	2746	rBV3	2938	4176	1.13%	0.160%
62	19.257	2762	2766	2779	rBV	33271	49994	13.47%	1.921%
63	19.704	2837	2842	2847	rVB	321932	371152	100.00%	14.264%
64	20.004	2889	2893	2898	rBV3	3370	5755	1.55%	0.221%
65	20.503	2975	2978	2983	rVB4	3463	3993	1.08%	0.153%
66	20.980	3054	3059	3066	rVB2	34290	58796	15.84%	2.260%
67	21.256	3101	3106	3111	rBV	87586	116133	31.29%	4.463%
68	23.409	3467	3472	3481	rVB2	67912	122372	32.97%	4.703%

Sum of corrected areas: 2601955

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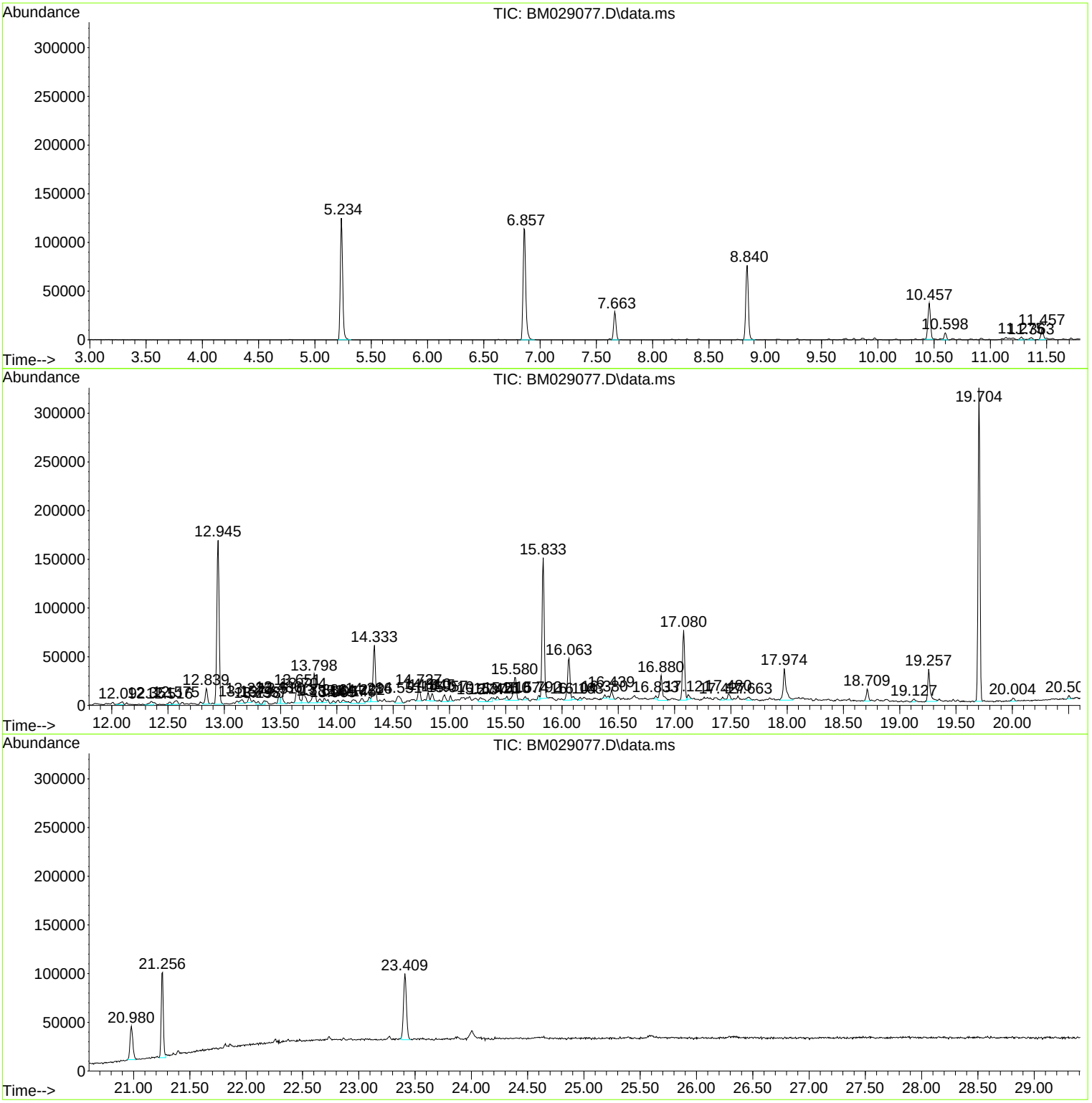
Instrument :
BNA_M
ClientSampleId :
TP-19-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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TIC Library : C:\DATABASE\NIST11.L
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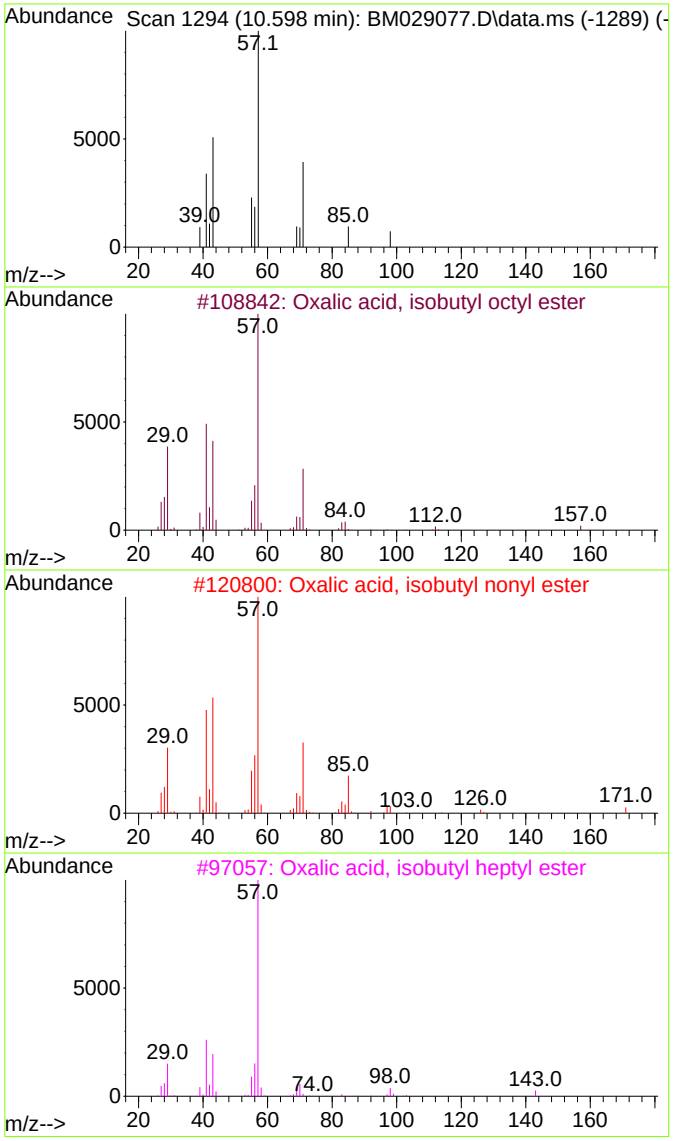
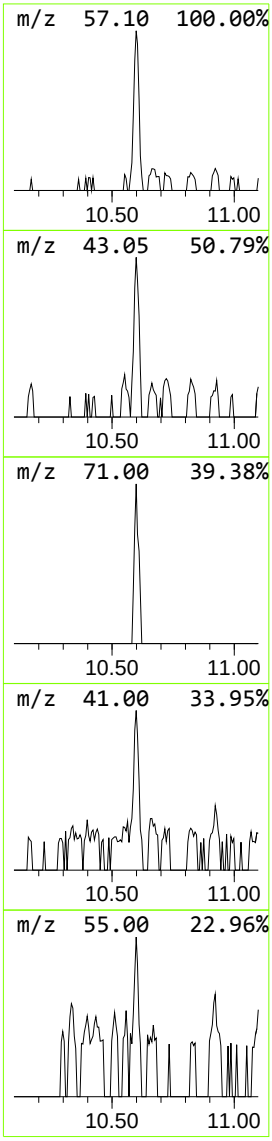
****
Peak Number 1 Oxalic acid, isobutyl octyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	3.58 ng	10454	Naphthalene-d8	10.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	56
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	50
3	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	25
4	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	23
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029077.D
Acq On : 10 Mar 2021 19:36
Operator : CG/JU
Sample : M1616-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-19-A

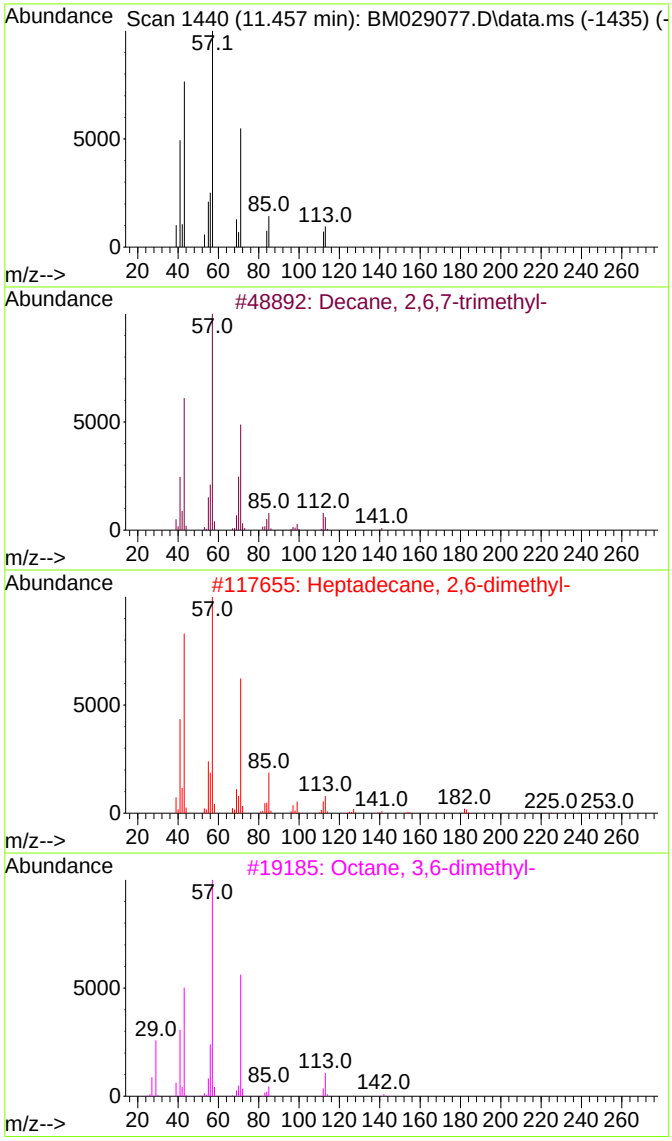
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

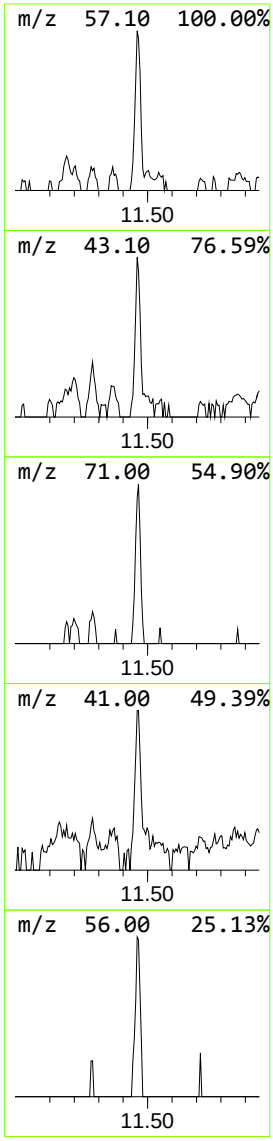
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Decane, 2,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.457	6.18 ng	18080	Naphthalene-d8	10.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
5	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	72





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Data File : BM029077.D
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Instrument :
BNA_M
ClientSampleId :
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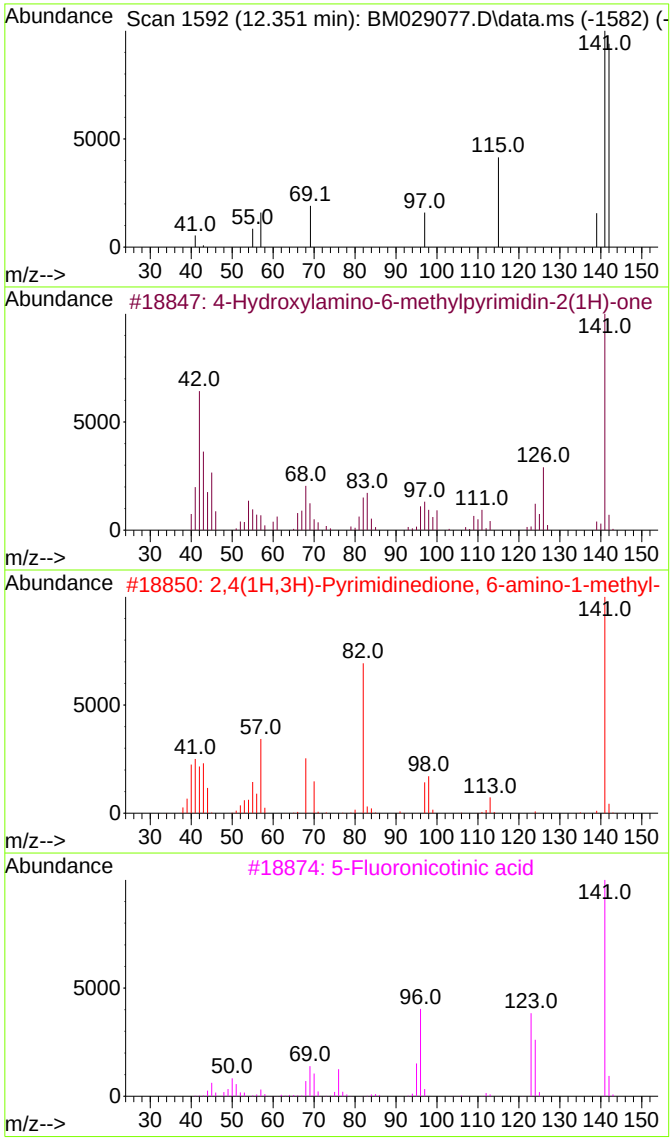
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

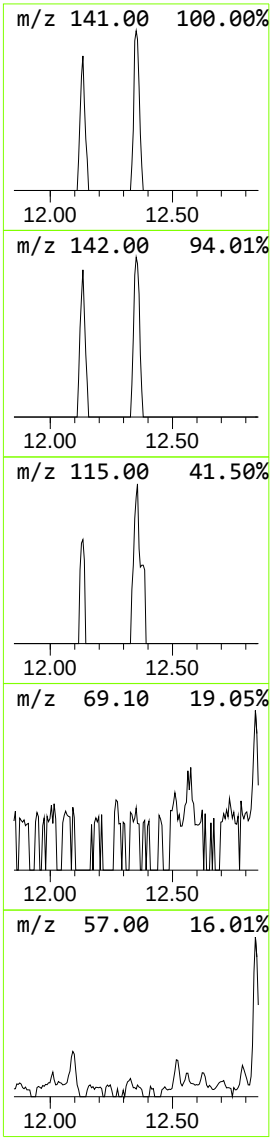
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown12.351 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.351	3.09 ng	9028	Naphthalene-d8	10.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxylamino-6-methylpyrimidi...	141	C5H7N3O2	006220-22-0	4
2	2,4(1H,3H)-Pyrimidinedione, 6-am...	141	C5H7N3O2	002434-53-9	4
3	5-Fluoronicotinic acid	141	C6H4FNO2	000402-66-4	4
4	4-Amino-1-methyl-3-nitropyrazole	142	C4H6N4O2	039205-76-0	4
5	4-Amino-2-methyl-2H-pyrazole-3-c...	141	C5H7N3O2	1000297-25-5	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
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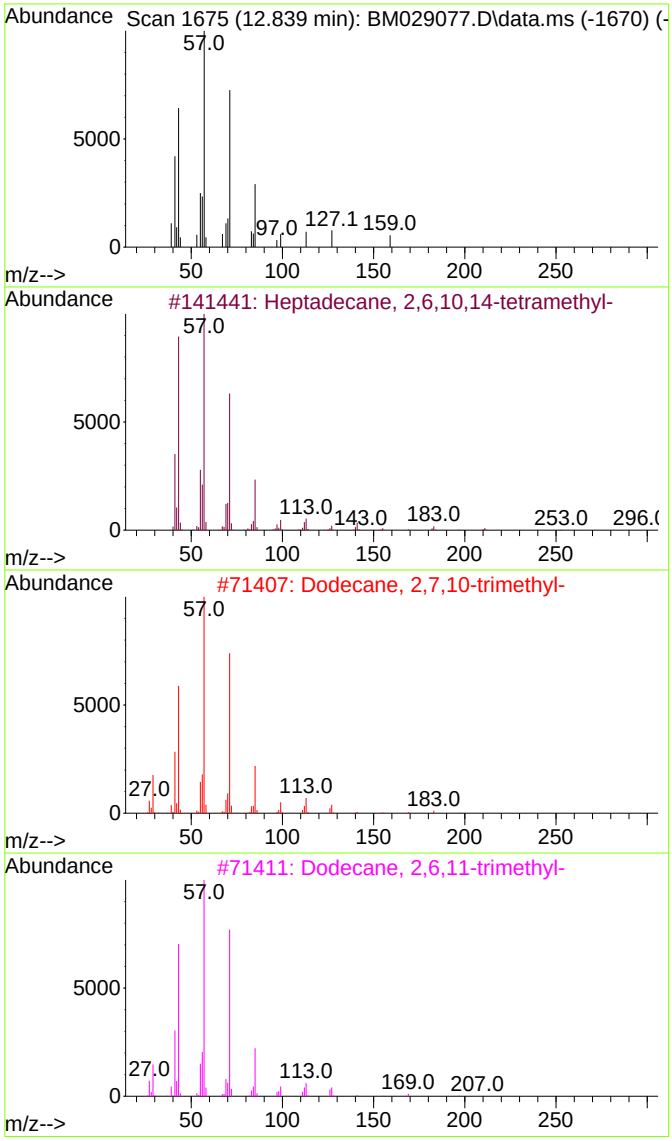
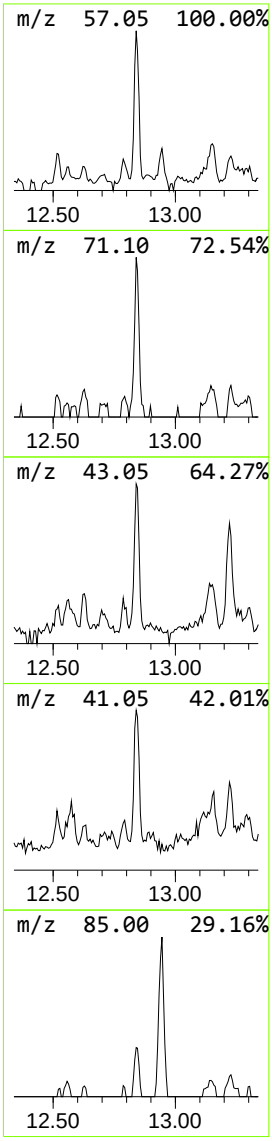
****
Peak Number 4 Heptadecane, 2,6,10,14-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.839	5.40 ng	22450	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72





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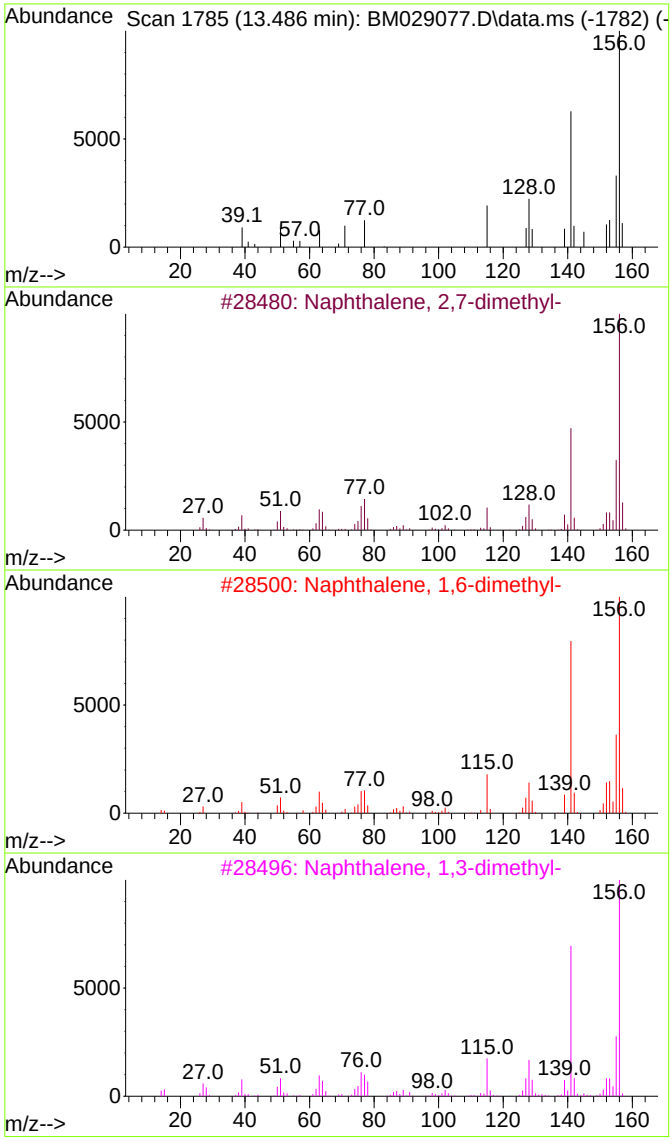
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

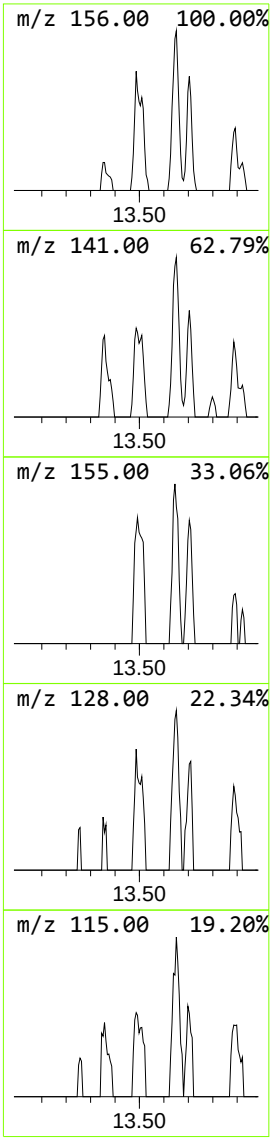
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.486	2.56 ng	10645	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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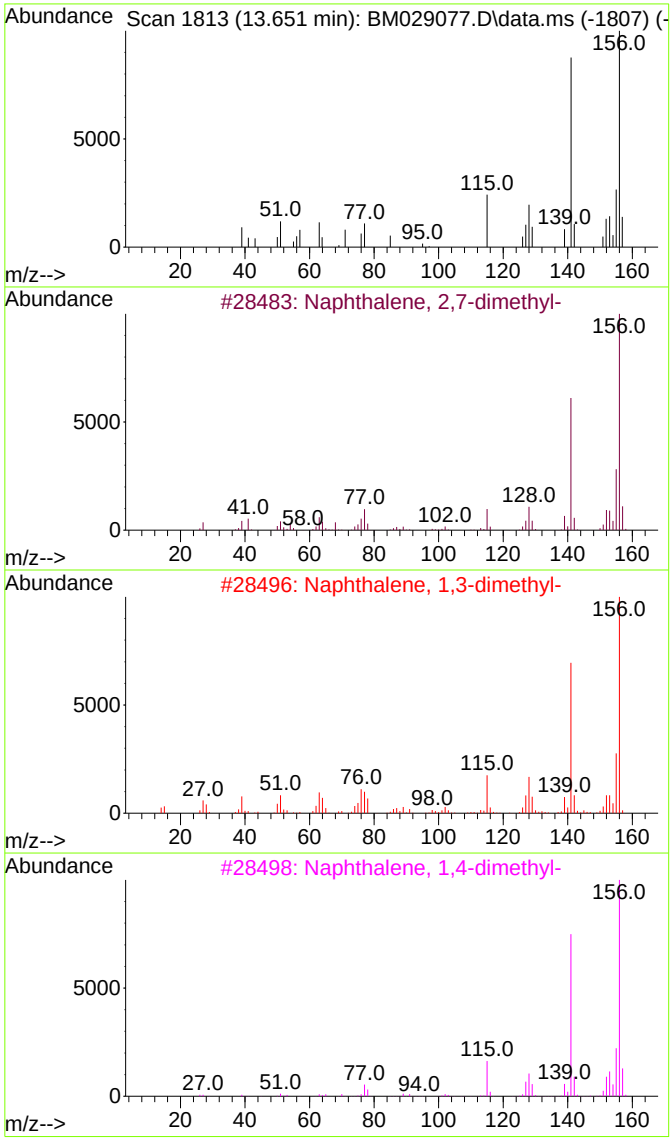
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

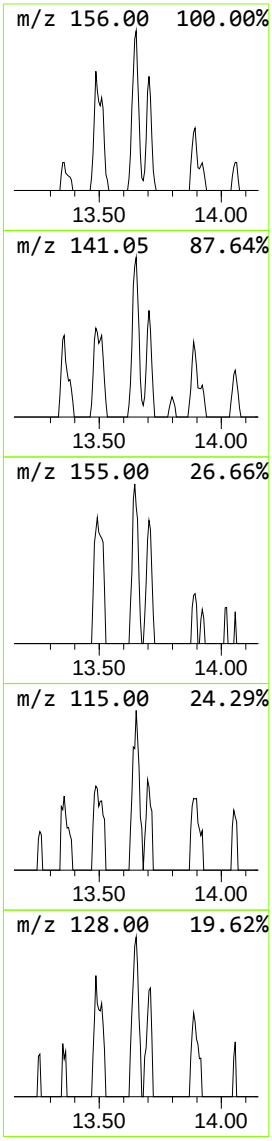
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.651	6.79 ng	28251	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029077.D
Acq On : 10 Mar 2021 19:36
Operator : CG/JU
Sample : M1616-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-19-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

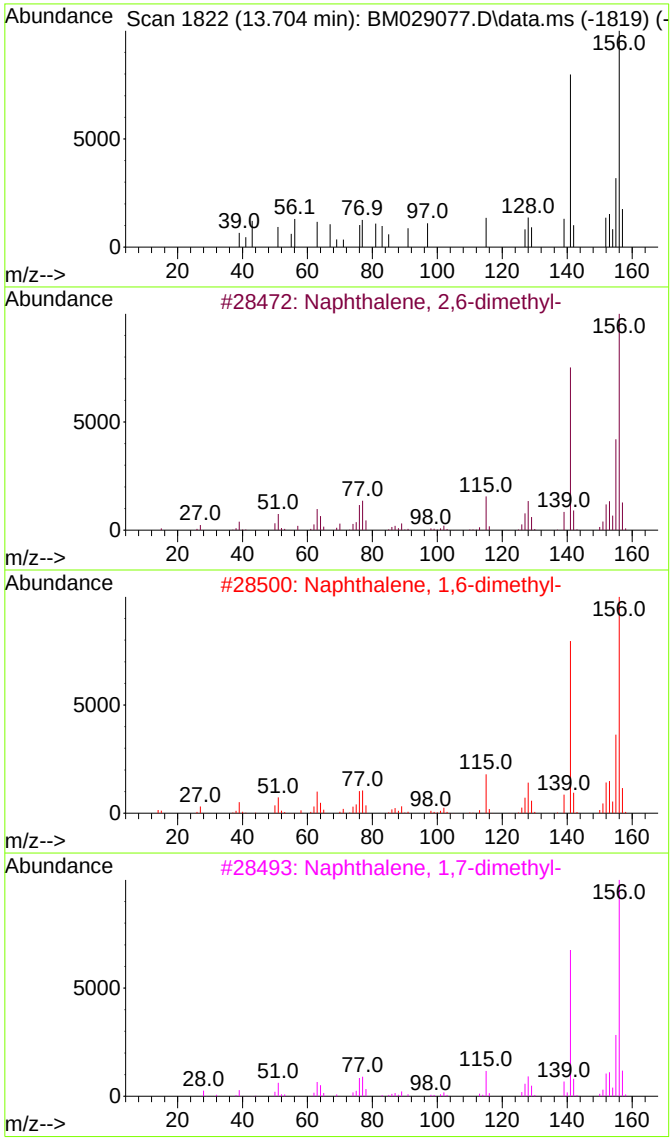
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

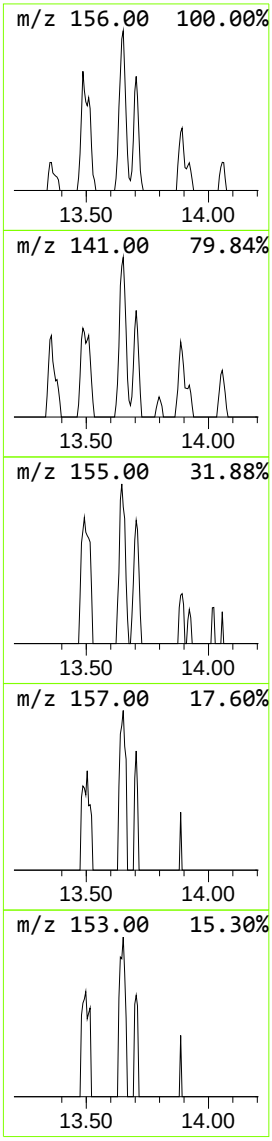
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	4.60 ng	19144	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Acq On : 10 Mar 2021 19:36
Operator : CG/JU
Sample : M1616-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-19-A

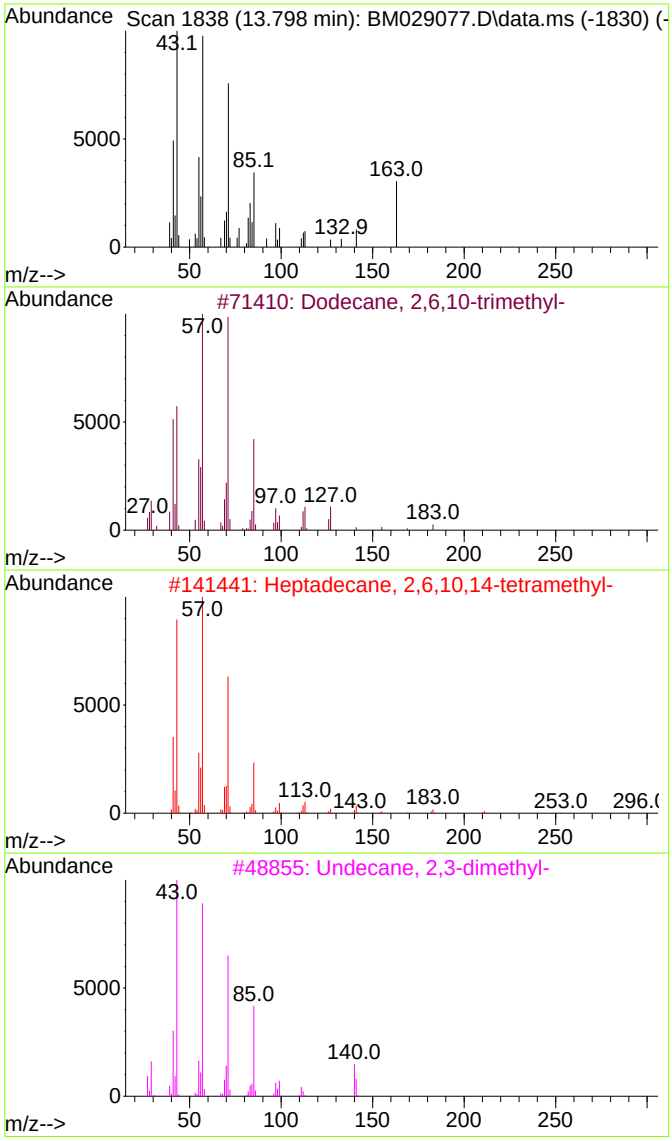
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

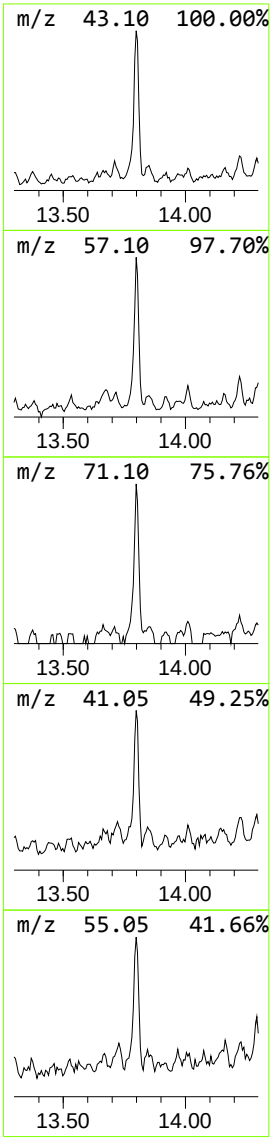
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	10.44 ng	43395	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	58
4	Nonadecane	268	C19H40	000629-92-5	53
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52





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Misc :
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Instrument :
BNA_M
ClientSampleId :
TP-19-A

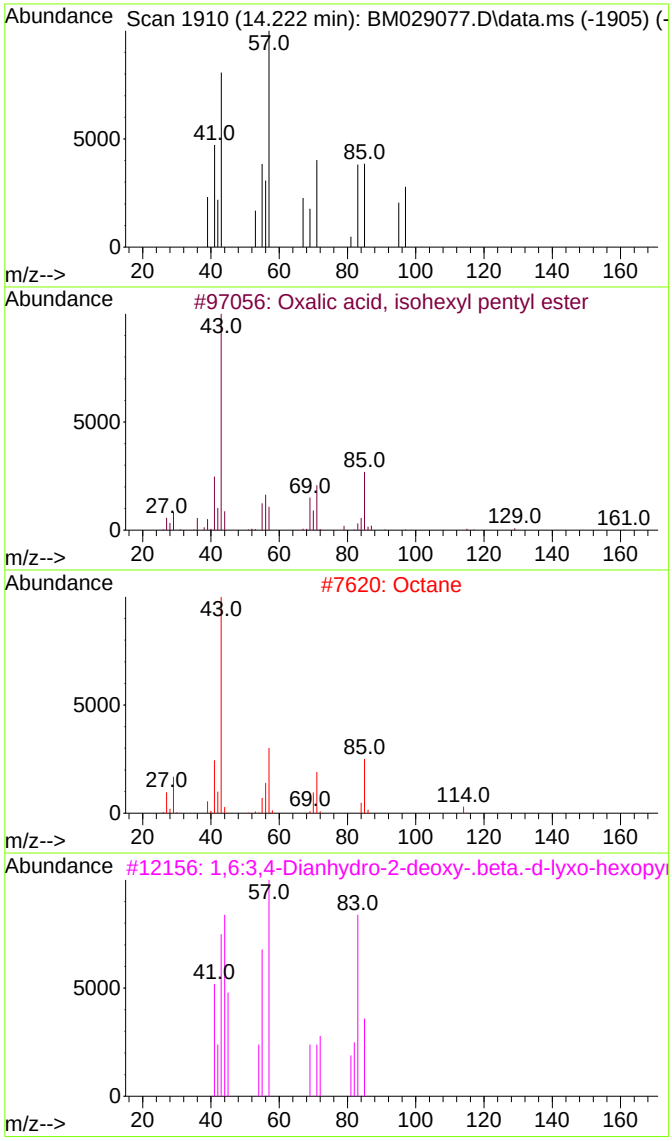
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

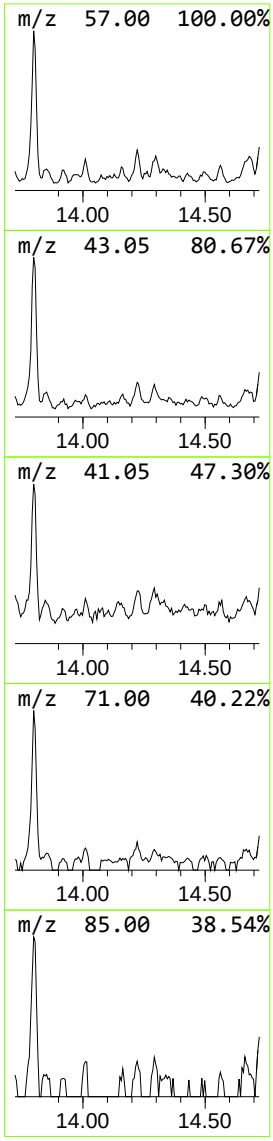
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 unknown14.222 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.222	2.52 ng	10467	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	23
2	Octane	114	C8H18	000111-65-9	23
3	1,6:3,4-Dianhydro-2-deoxy-.beta....	128	C6H8O3	050767-53-8	12
4	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	9
5	Acetyl valeryl	128	C7H12O2	000096-04-8	9





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-19-A

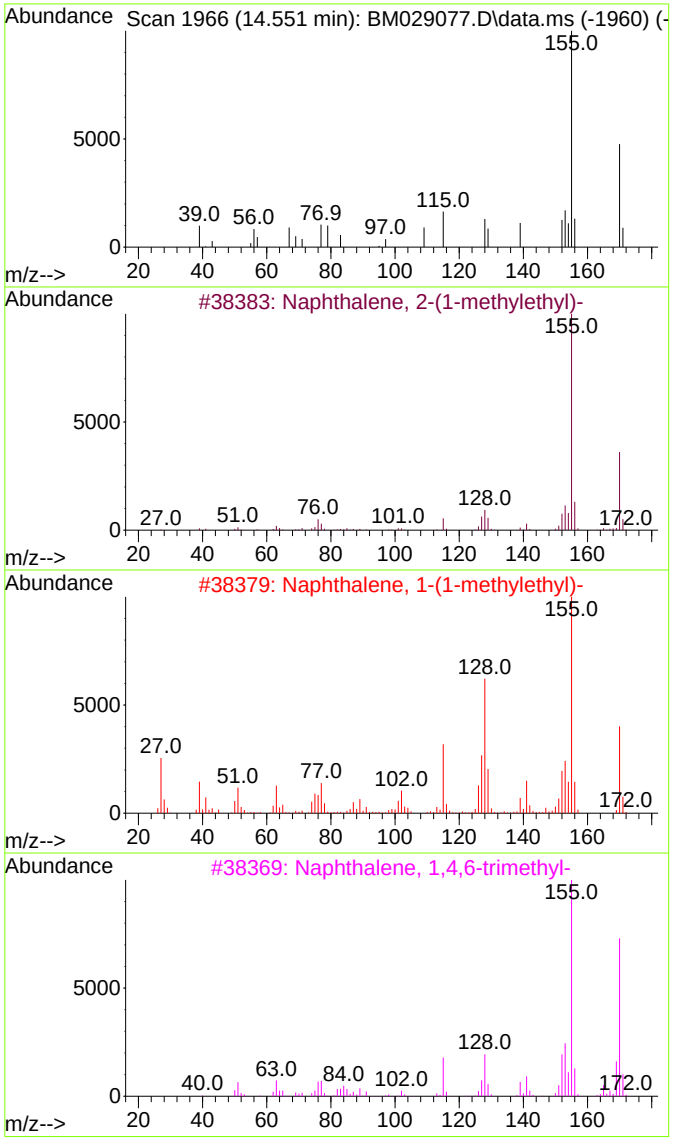
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

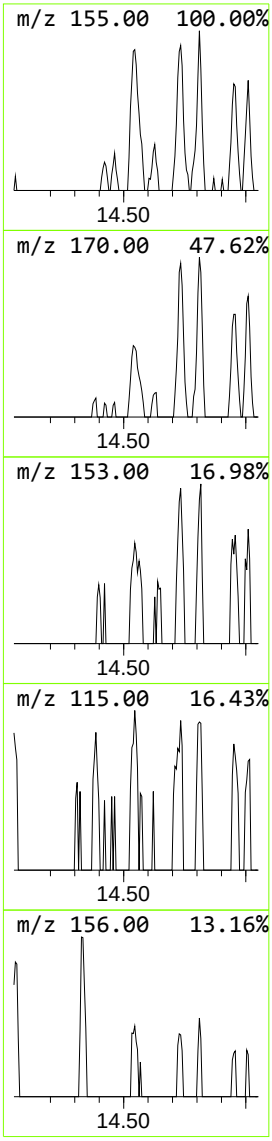
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.551	4.26 ng	17709	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	90
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64





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Sample : M1616-01
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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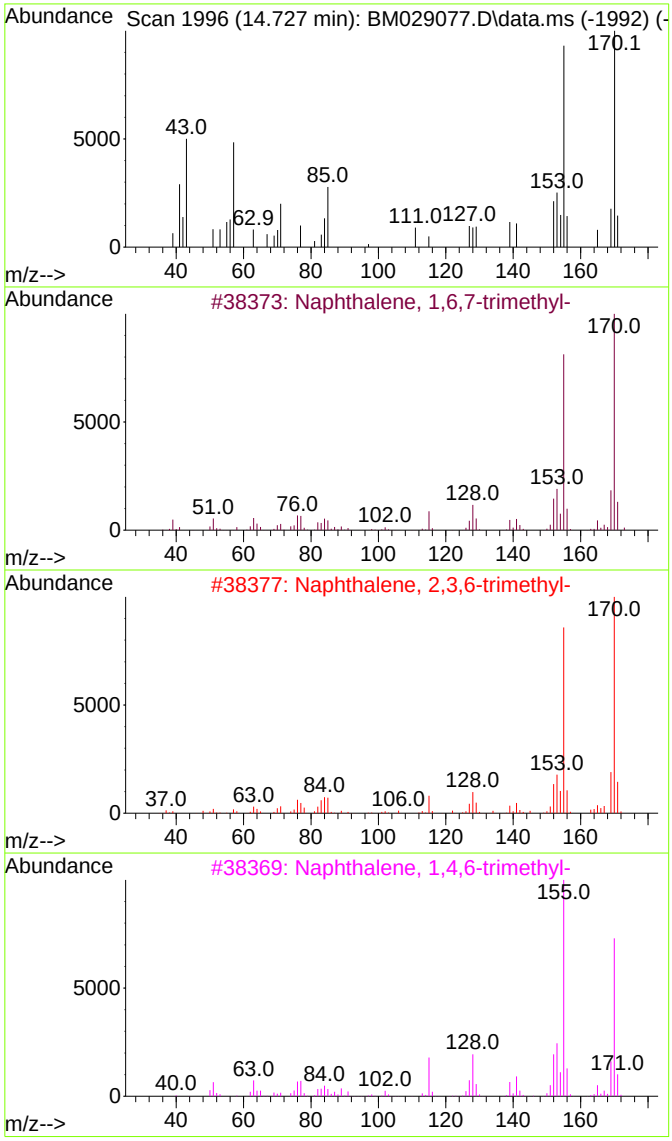
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

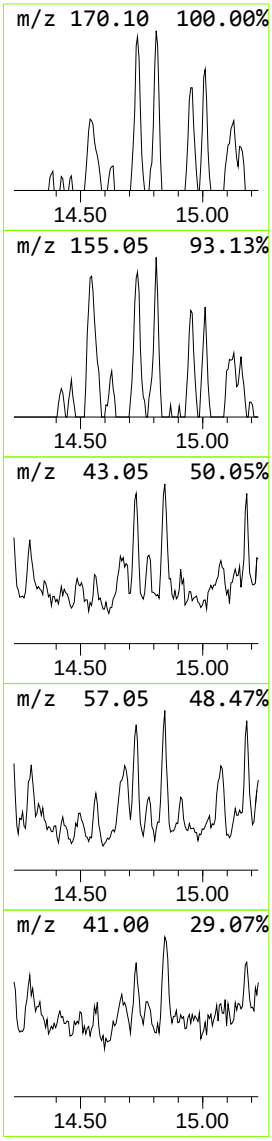
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	4.42 ng	18380	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	74





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Instrument :
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ClientSampleId :
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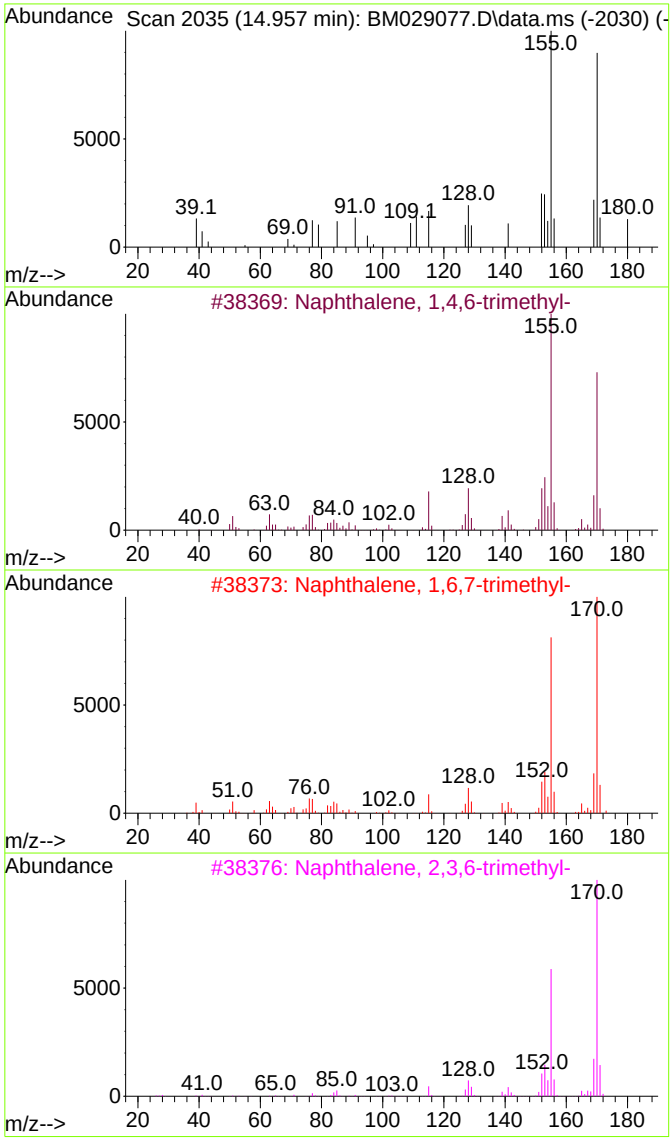
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

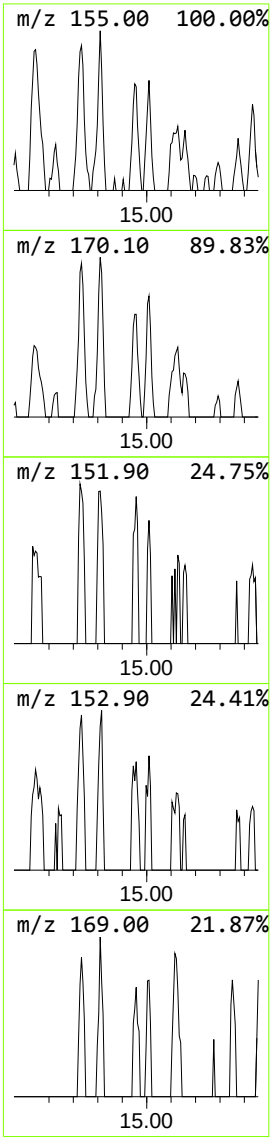
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	2.85 ng	11857	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





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Instrument :
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ClientSampleId :
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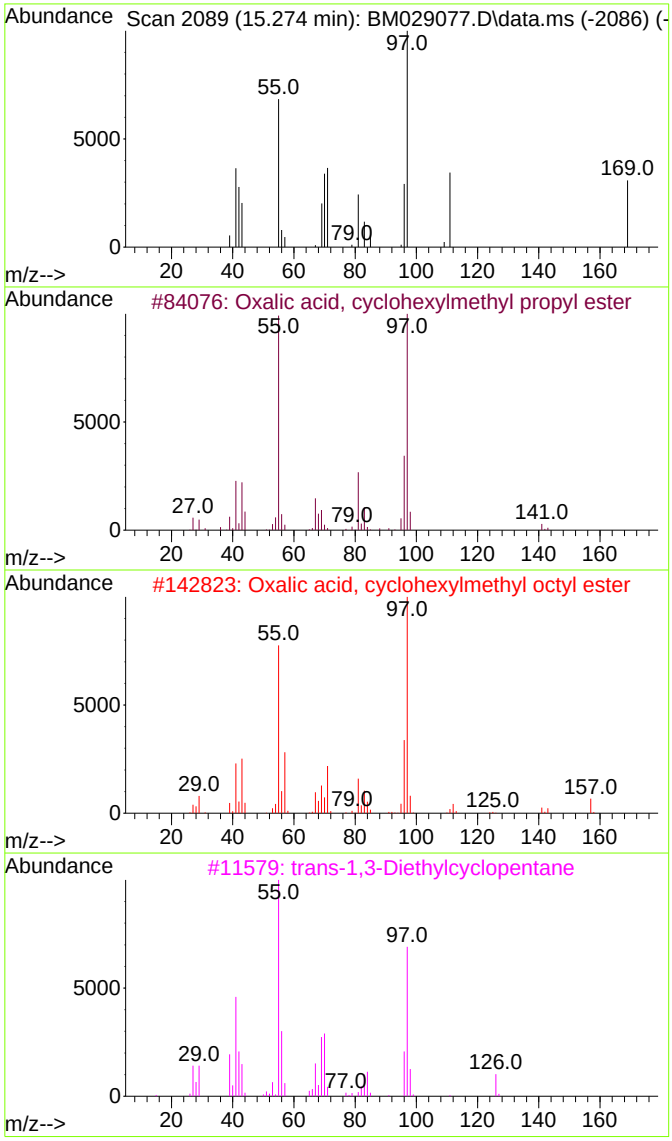
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

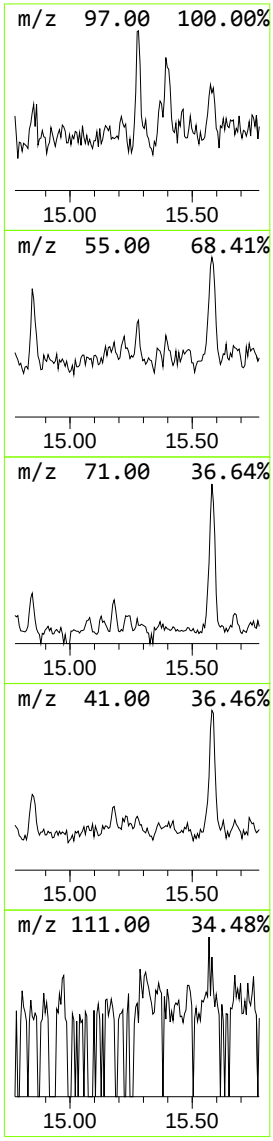
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown15.274 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.274	2.63 ng	10916	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	38
2	Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	33
3	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	33
4	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	32
5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	28





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Sample : M1616-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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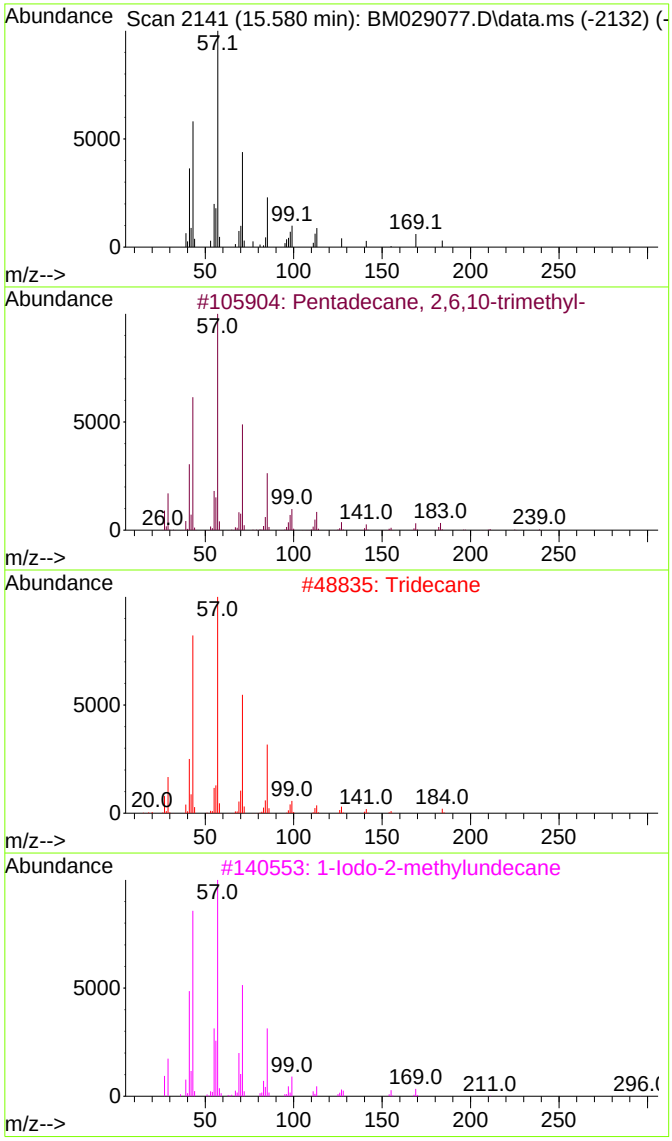
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

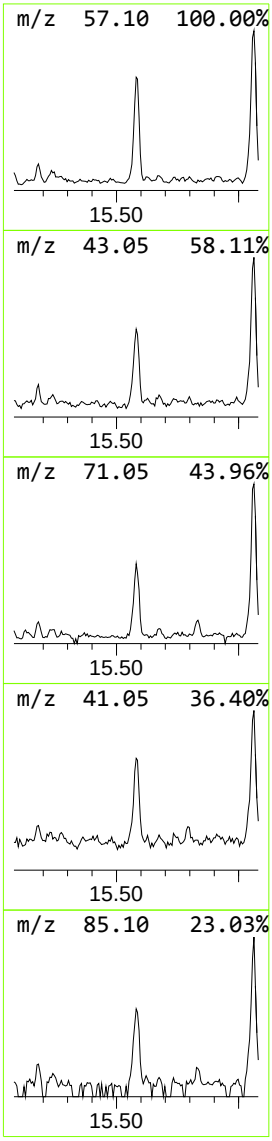
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.580	10.54 ng	43832	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tridecane	184	C13H28	000629-50-5	83
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
4	Heneicosane	296	C21H44	000629-94-7	72
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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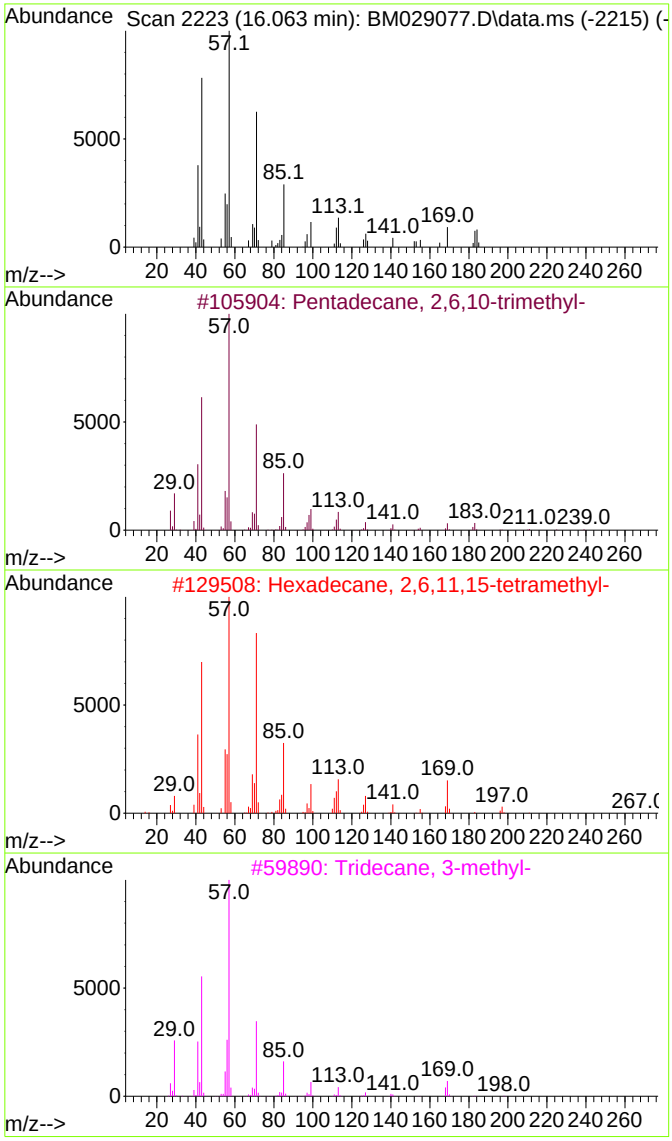
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

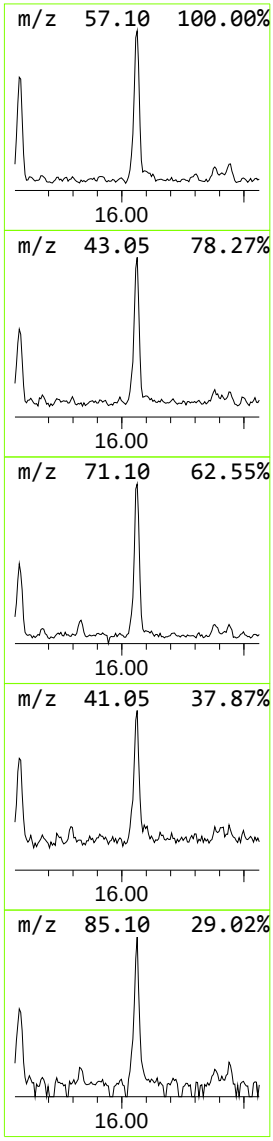
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Hexadecane, 2,6,11,15-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.063	13.54 ng	67278	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
4	Tridecane	184	C13H28	000629-50-5	72
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64





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ClientSampleId :
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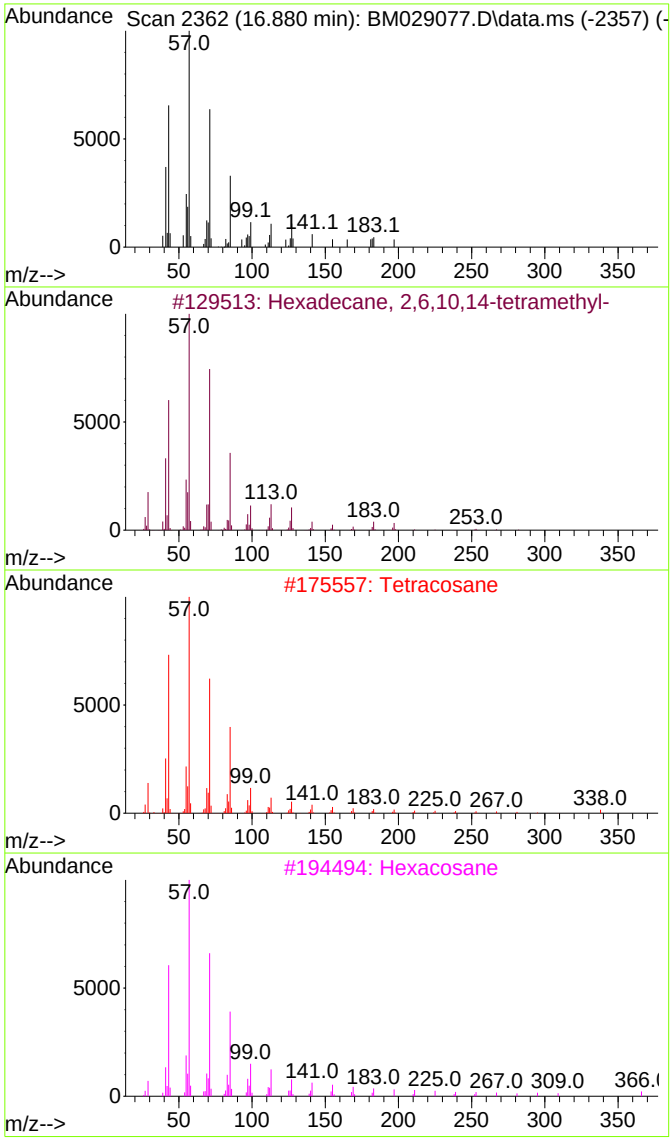
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

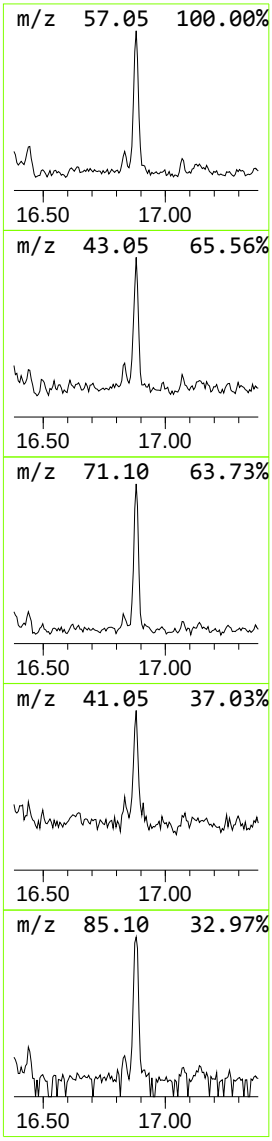
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.880	8.65 ng	42993	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Tetracosane	338	C24H50	000646-31-1	80
3	Hexacosane	366	C26H54	000630-01-3	80
4	Heneicosane	296	C21H44	000629-94-7	72
5	Octacosane	394	C28H58	000630-02-4	72





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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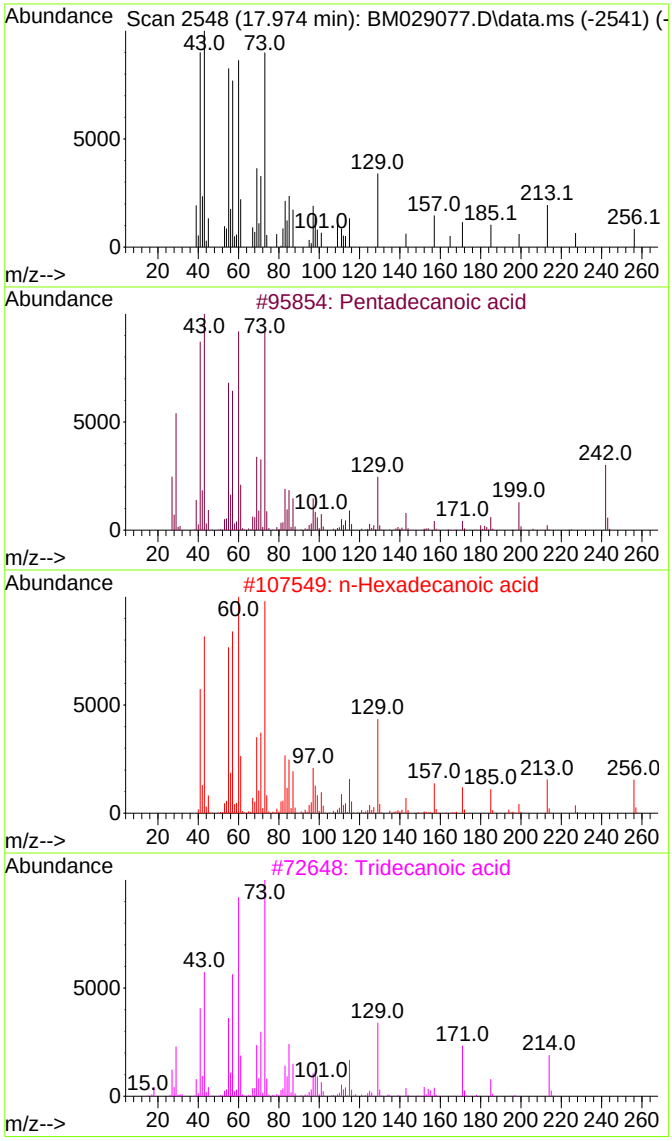
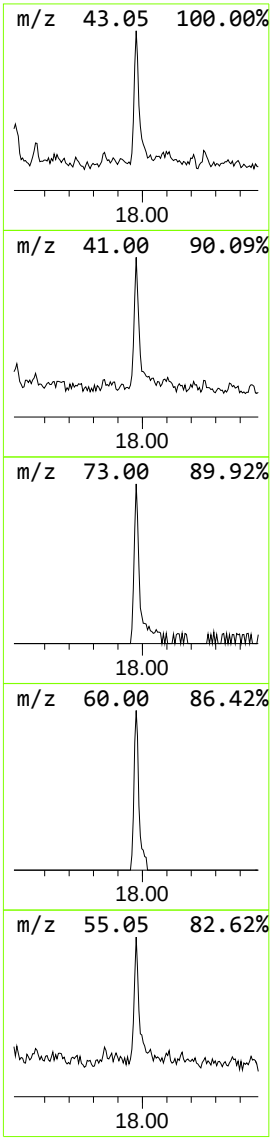
****
Peak Number 17 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	11.75 ng	58382	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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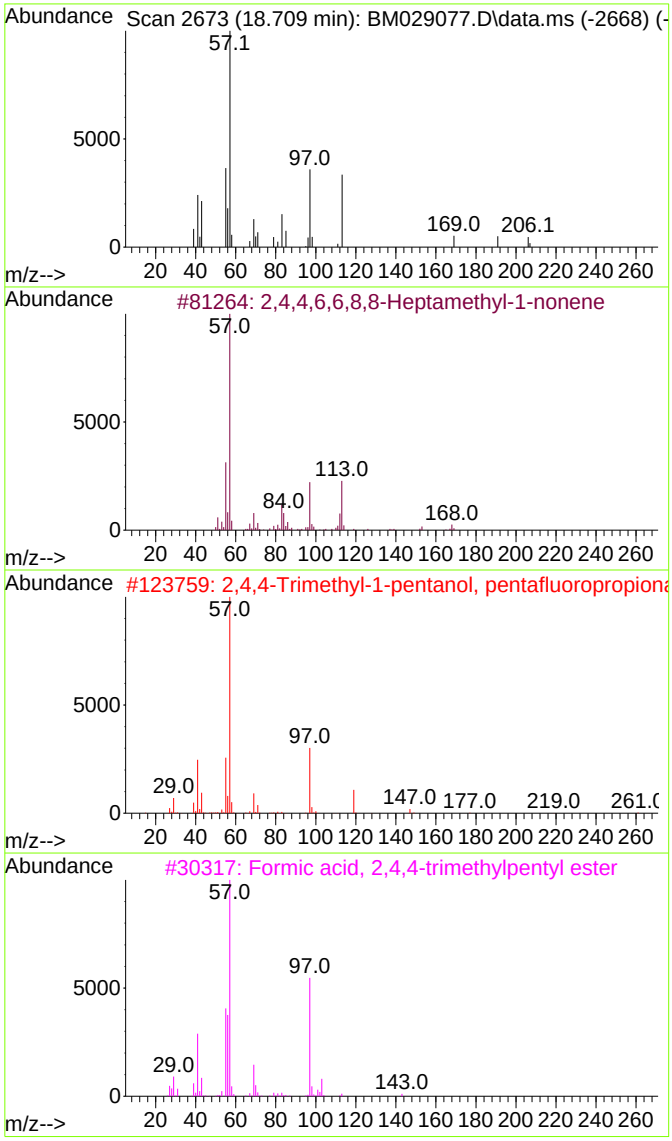
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

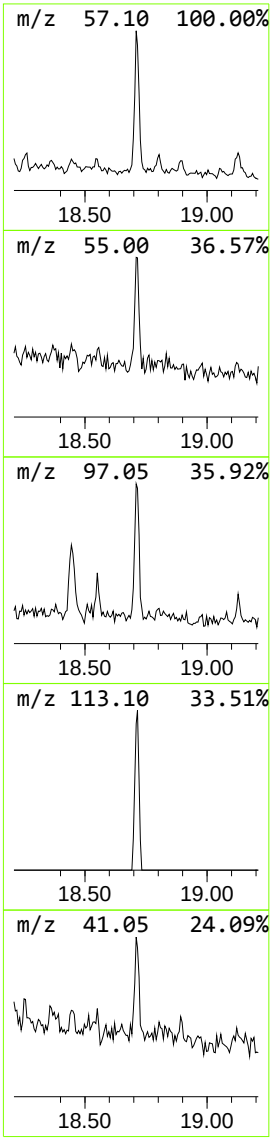
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.709	3.37 ng	16764	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	50
2	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	35
3	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	35
4	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	35
5	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	25





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-19-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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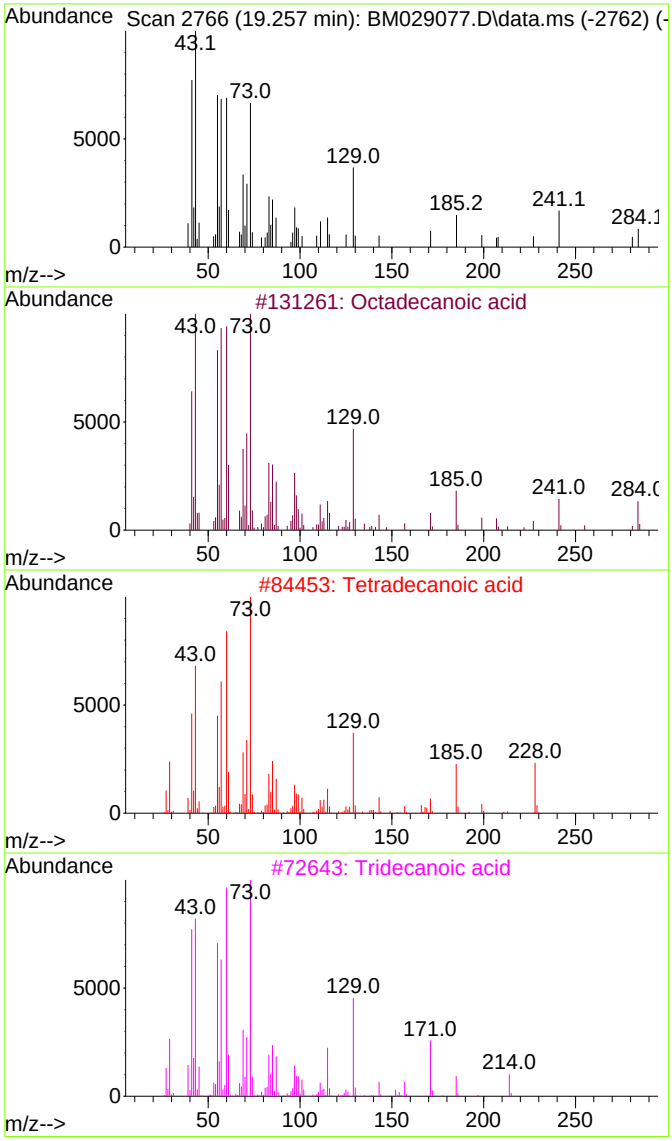
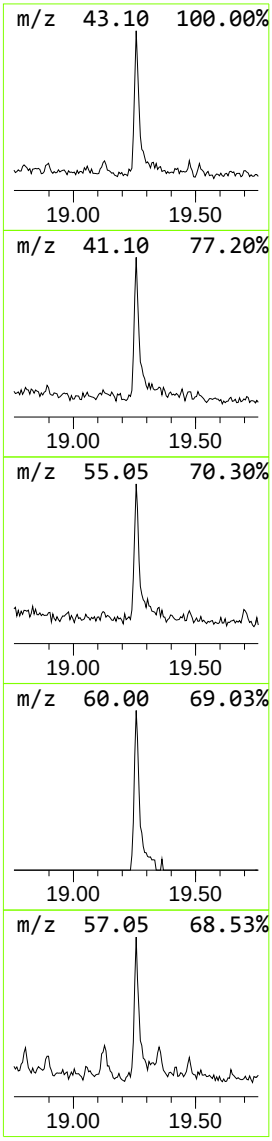
Peak Number 19 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.256	8.61 ng	49994	Chrysene-d12	21.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	49
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029077.D
Acq On : 10 Mar 2021 19:36
Operator : CG/JU
Sample : M1616-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-19-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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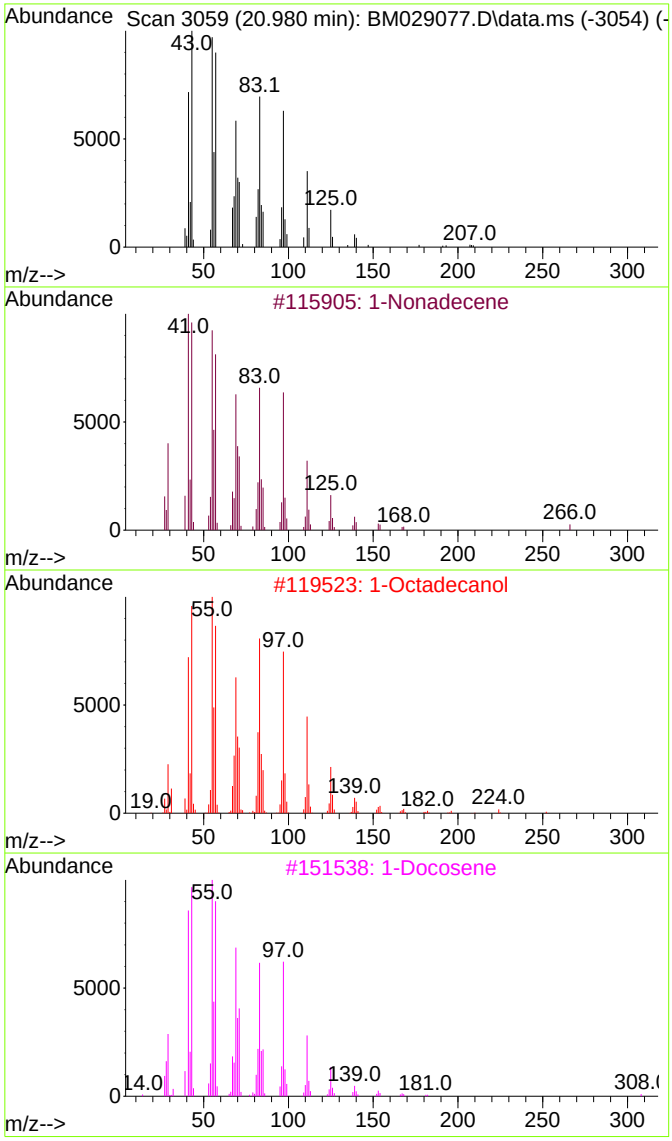
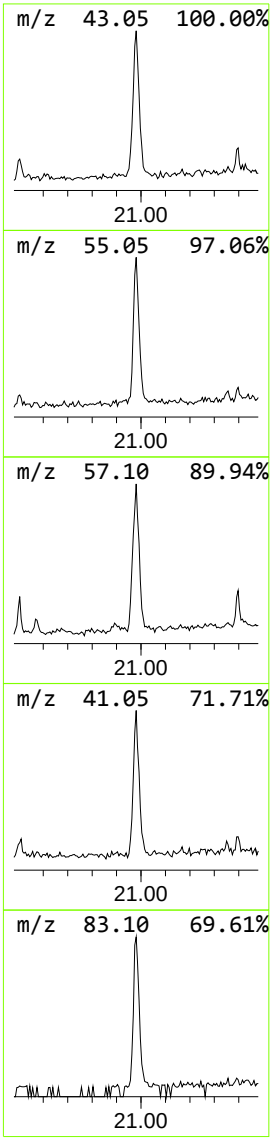
Peak Number 20 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	10.13 ng	58796	Chrysene-d12	21.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029077.D
Acq On : 10 Mar 2021 19:36
Operator : CG/JU
Sample : M1616-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-19-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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
Oxalic acid, is...	10.598	3.6	ng	10454	2	10.457	58465	20.0
Decane, 2,6,7-t...	11.457	6.2	ng	18080	2	10.457	58465	20.0
unknown12.351	12.351	3.1	ng	9028	2	10.457	58465	20.0
Heptadecane, 2,...	12.839	5.4	ng	22450	3	14.333	83169	20.0
Naphthalene, 2,...	13.486	2.6	ng	10645	3	14.333	83169	20.0
Naphthalene, 1,...	13.651	6.8	ng	28251	3	14.333	83169	20.0
Naphthalene, 2,...	13.704	4.6	ng	19144	3	14.333	83169	20.0
Dodecane, 2,6,1...	13.798	10.4	ng	43395	3	14.333	83169	20.0
unknown14.222	14.222	2.5	ng	10467	3	14.333	83169	20.0
Naphthalene, 2-...	14.551	4.3	ng	17709	3	14.333	83169	20.0
Naphthalene, 1,...	14.727	4.4	ng	18380	3	14.333	83169	20.0
Naphthalene, 1,...	14.957	2.9	ng	11857	3	14.333	83169	20.0
unknown15.274	15.274	2.6	ng	10916	3	14.333	83169	20.0
Pentadecane, 2,...	15.580	10.5	ng	43832	3	14.333	83169	20.0
Hexadecane, 2,6...	16.063	13.5	ng	67278	4	17.080	99363	20.0
Hexadecane, 2,6...	16.880	8.7	ng	42993	4	17.080	99363	20.0
Pentadecanoic acid	17.974	11.8	ng	58382	4	17.080	99363	20.0
2,4,4,6,6,8,8-H...	18.709	3.4	ng	16764	4	17.080	99363	20.0
Octadecanoic acid	19.256	8.6	ng	49994	5	21.256	116133	20.0
1-Nonadecene	20.980	10.1	ng	58796	5	21.256	116133	20.0