LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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: BM029094.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	376	382	393	rBV	137088	195970	53.20%	8.070%
2	5.640	447	451	456	rBB	7899	10044	2.73%	0.414%
3	6.187	540	544	549	rBB2	4635	5904	1.60%	0.243%
4	6.263	552	557	562	rBV3	3845	6640	1.80%	0.273%
5	6.628	615	619	623	rVB2	3534	4780	1.30%	0.197%
6	6.787	644	646	652	rVB2	2802	3893	1.06%	0.160%
7	6.857	652	658	670	rBV	124179	198903	53.99%	8.190%
8	7.263	722	727	732	rBV	16530	22332	6.06%	0.920%
9	7.616	780	787	790	rBV	4851	6845	1.86%	0.282%
10	7.657	790	794	801	rVB	28746	42838	11.63%	1.764%
11	7.928	835	840	846	rVB3	2136	4182	1.14%	0.172%
12	8.834	988	994	1006	rBV	79612	140530	38.15%	5.787%
13	10.410	1253	1262	1265	rBV	16627	24341	6.61%	1.002%
14	10.451	1265	1269	1276	rVB	37071	58526	15.89%	2.410%
15	10.592	1289	1293	1298	rVB	7242	10123	2.75%	0.417%
16	11.134	1381	1385	1388	rBV2	3033	4132	1.12%	0.170%
17	11.198	1393	1396	1401	rVB2	3029	3967	1.08%	0.163%
18	11.269	1401	1408	1413	rBV3	4056	6652	1.81%	0.274%
19	11.351	1415	1422	1429	rVB2	6933	11328	3.08%	0.466%
20	11.457	1429	1440	1445	rBV	16524	27269	7.40%	1.123%
21	11.869	1500	1510	1517	rBV	49056	78042	21.19%	3.214%
22	12.004	1529	1533	1538	rVB3	2499	3850	1.05%	0.159%
23	12.086	1540	1547	1553	rVB4	5233	10799	2.93%	0.445%
24	12.245	1568	1574	1581	rVB4	2294	4887	1.33%	0.201%
25	12.510	1615	1619	1623	rBV2	4048	6653	1.81%	0.274%
26	12.557	1623	1627	1628	rBV	3861	4374	1.19%	0.180%
27	12.622	1634	1638	1644	rVB2	3619	4583	1.24%	0.189%
28	12.698	1646	1651	1656	rBV2	6270	8982	2.44%	0.370%
29	12.786	1661	1666	1670	rBV	4825	7376	2.00%	0.304%
30	12.839	1670	1675	1679	rVB	13244	17374	4.72%	0.715%
31	12.939	1686	1692	1698	rVB	181867	251822	68.36%	10.369%
32	13.133	1717	1725	1732	rBV	46025	67438	18.31%	2.777%
33	13.663	1808	1815	1820	rBV4	1906	4044	1.10%	0.167%
34	13.710	1820	1823	1829	rVV2	3051	4371	1.19%	0.180%
35	13.792	1829	1837	1842	rVV	14236	23670	6.43%	0.975%
36	13.839	1842	1845	1852	rVV2	4001	6180	1.68%	0.254%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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	13.916	1854	1858	1863	rVB	2950	4117	1.12%	0.170%
38	14.216	1903	1909	1914	rBV	20035	26237	7.12%	1.080%
39	14.327	1923	1928	1935	rVB2	51128	73510	19.96%	3.027%
40	15.827	2178	2183	2194	rBV	134606	183607	49.84%	7.560%
41	17.080	2390	2396	2401	rBV	59163	81268	22.06%	3.346%
42	17.974	2543	2548	2558	rBV	33115	47475	12.89%	1.955%
43	18.439	2623	2627	2635	rBV2	2711	5490	1.49%	0.226%
44	18.710	2669	2673	2677	rBV	16036	19303	5.24%	0.795%
45	18.798	2685	2688	2691	rBV	3273	3782	1.03%	0.156%
46	19.133	2739	2745	2753	rBV5	8101	16196	4.40%	0.667%
47	19.257	2761	2766	2773	rBV	22367	33665	9.14%	1.386%
48	19.498	2804	2807	2815	rVB	2941	5299	1.44%	0.218%
49	19.704	2837	2842	2847	rBV	315411	368375	100.00%	15.169%
50	20.004	2888	2893	2898	rBV7	2886	6025	1.64%	0.248%
51	20.980	3054	3059	3068	rVB3	28200	49611	13.47%	2.043%
52	21.251	3101	3105	3110	rBV	81921	104066	28.25%	4.285%
53	23.409	3466	3472	3479	rVB2	61432	106851	29.01%	4.400%

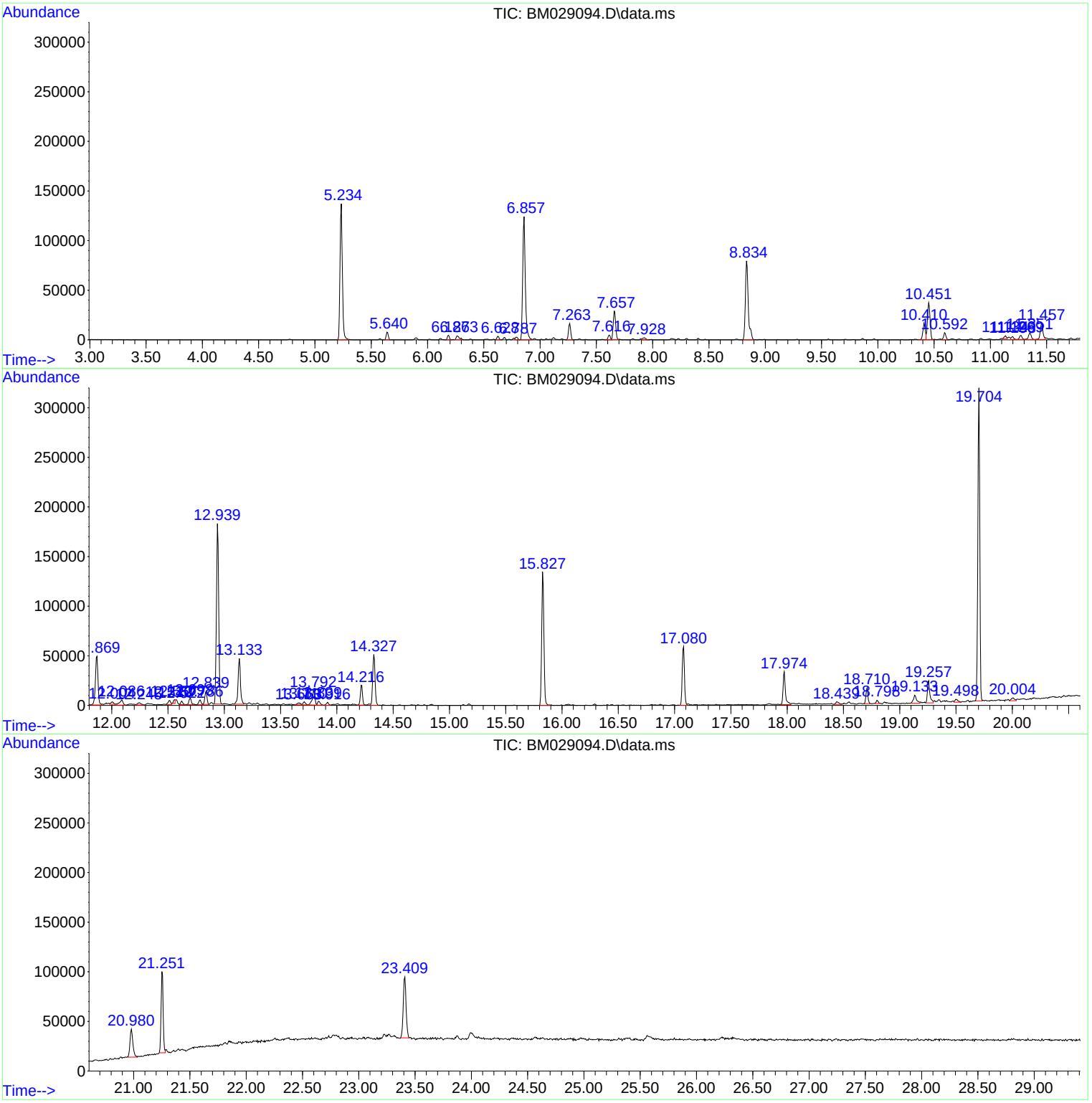
Sum of corrected areas: 2428521

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-3-17-17.5

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

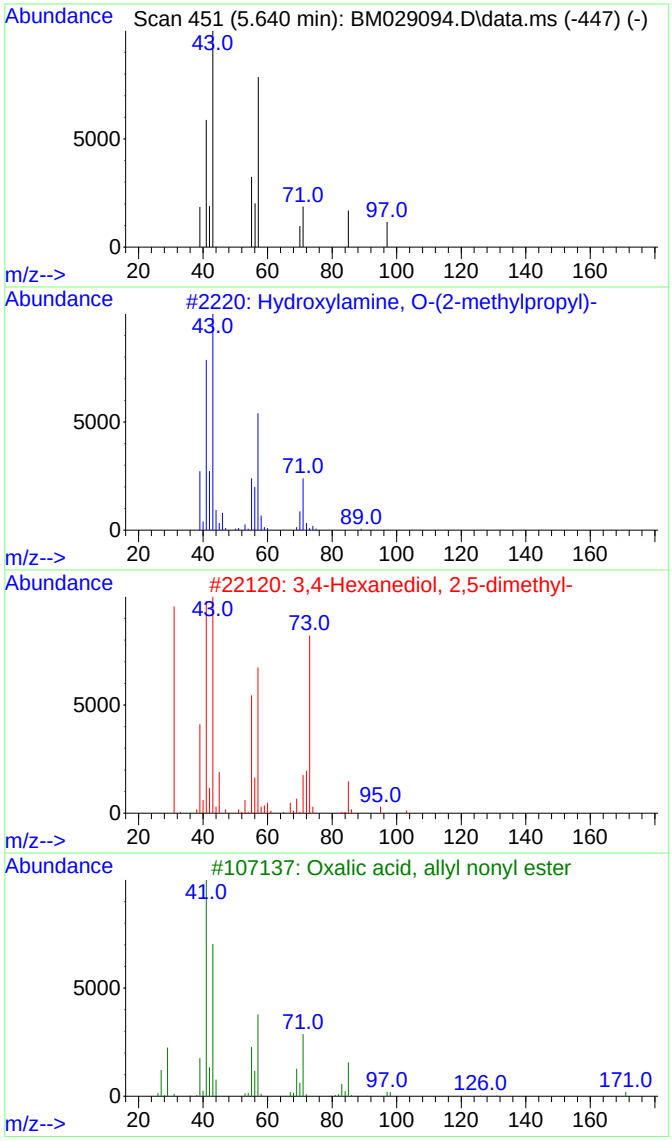
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

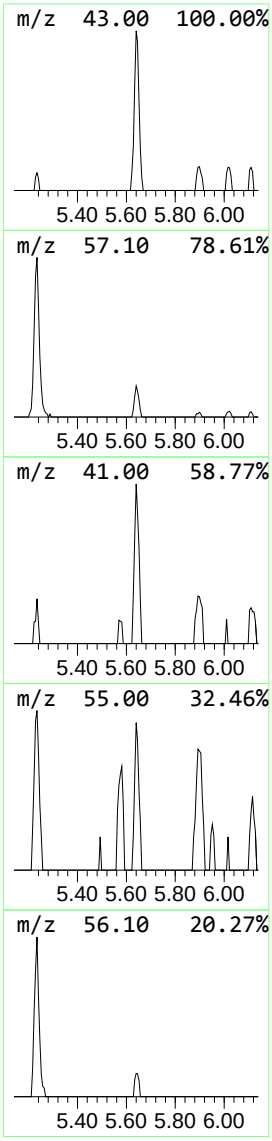
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hydroxylamine, O-(2-methylp... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.640	4.69 ng	10044	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxylamine, O-(2-methylpropyl)-	89	C4H11NO	005618-62-2	53
2	3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	39
3	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	36
4	Allyl methallyl ether	112	C7H12O	014289-96-4	17
5	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

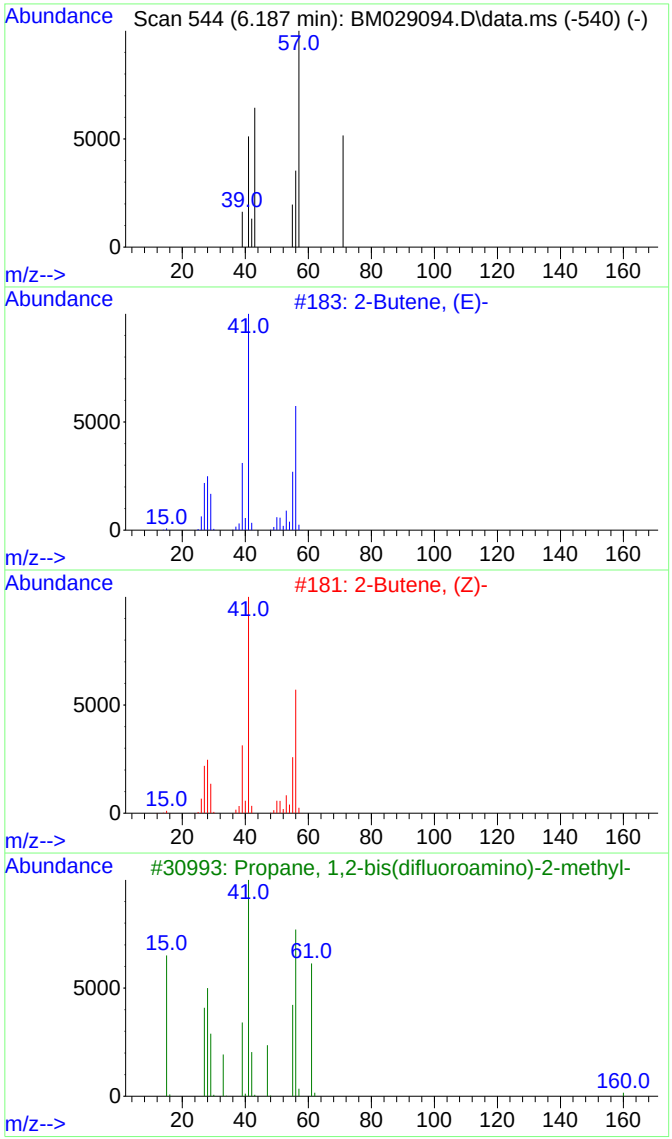
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

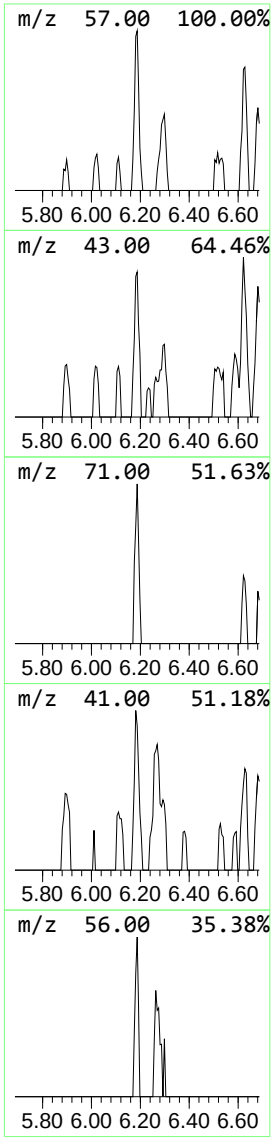
****

Peak Number 2 unknown6.18 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.187	2.76 ng	5904	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, (E)-	56	C4H8	000624-64-6	9
2	2-Butene, (Z)-	56	C4H8	000590-18-1	9
3	Propane, 1,2-bis(difluoroamino)-...	160	C4H8F4N2	016063-24-4	9
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	9
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

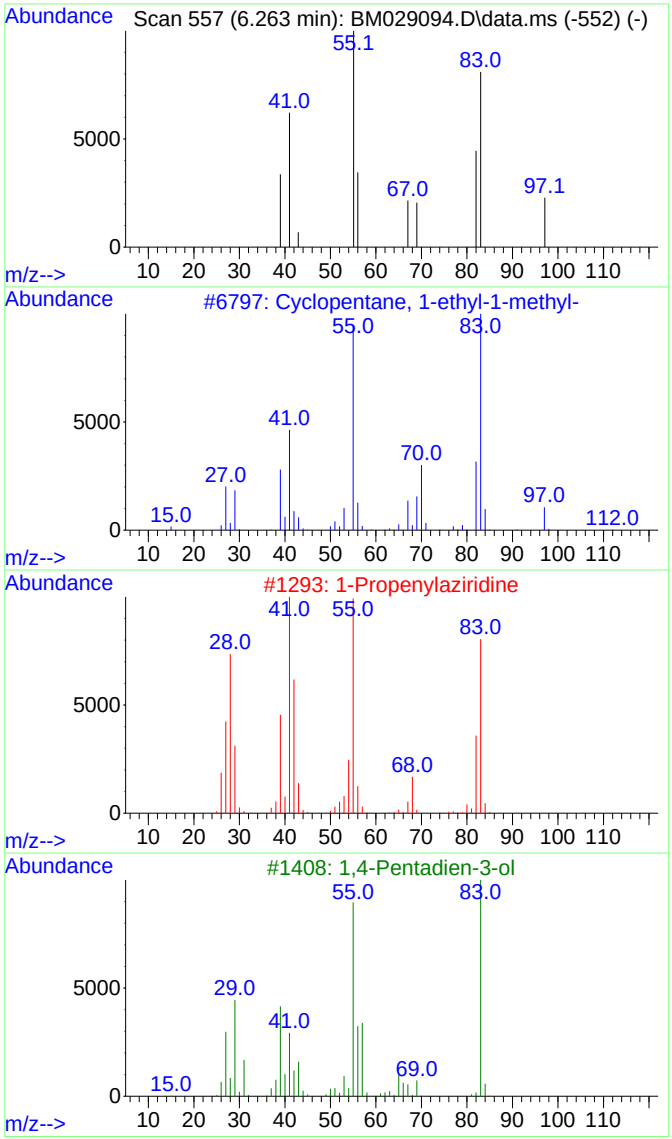
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

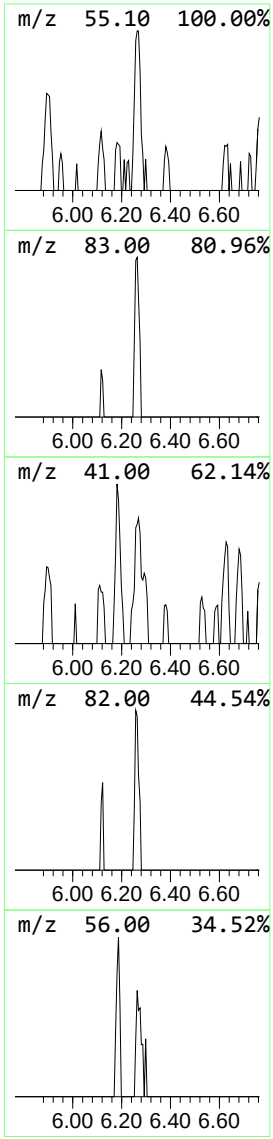
****

Peak Number 3 unknown6.26 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.263	3.10 ng	6640	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	23
2	1-Propenylaziridine	83	C5H9N	1000192-51-0	9
3	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	9
4	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	9
5	6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

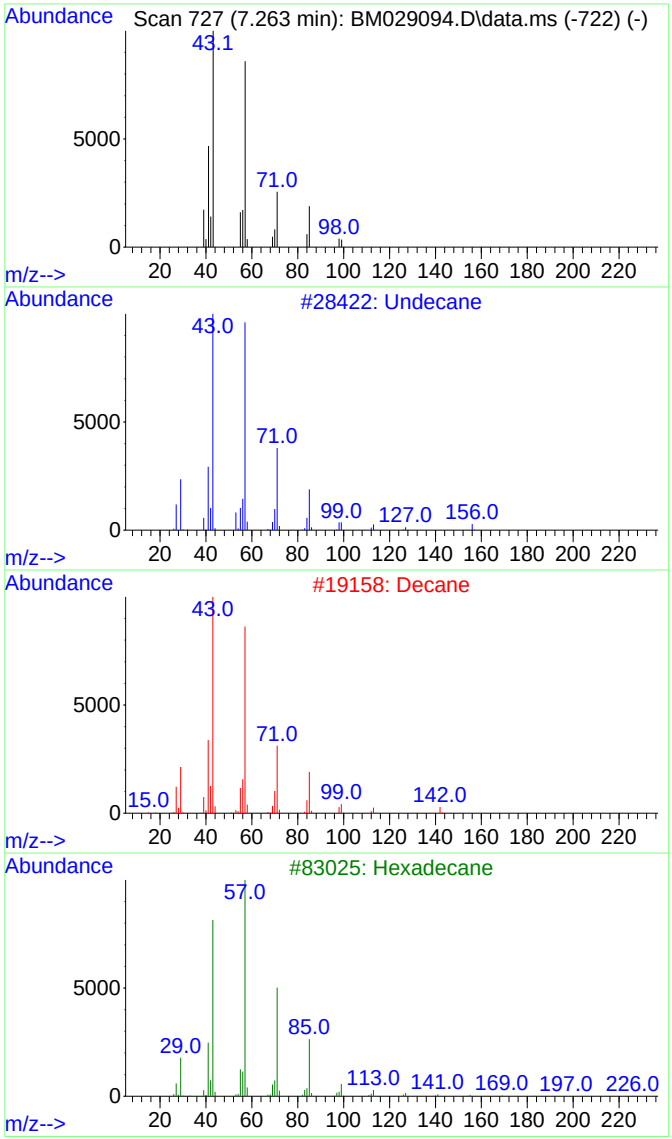
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

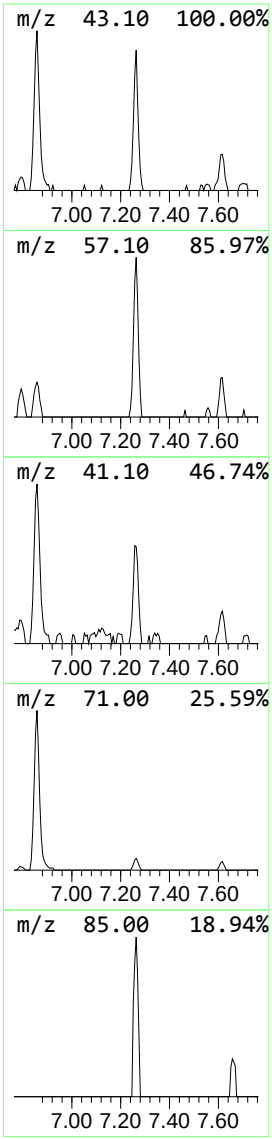
****

Peak Number 4 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.263	10.43 ng	22332	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	83
2	Decane	142	C10H22	000124-18-5	83
3	Hexadecane	226	C16H34	000544-76-3	74
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

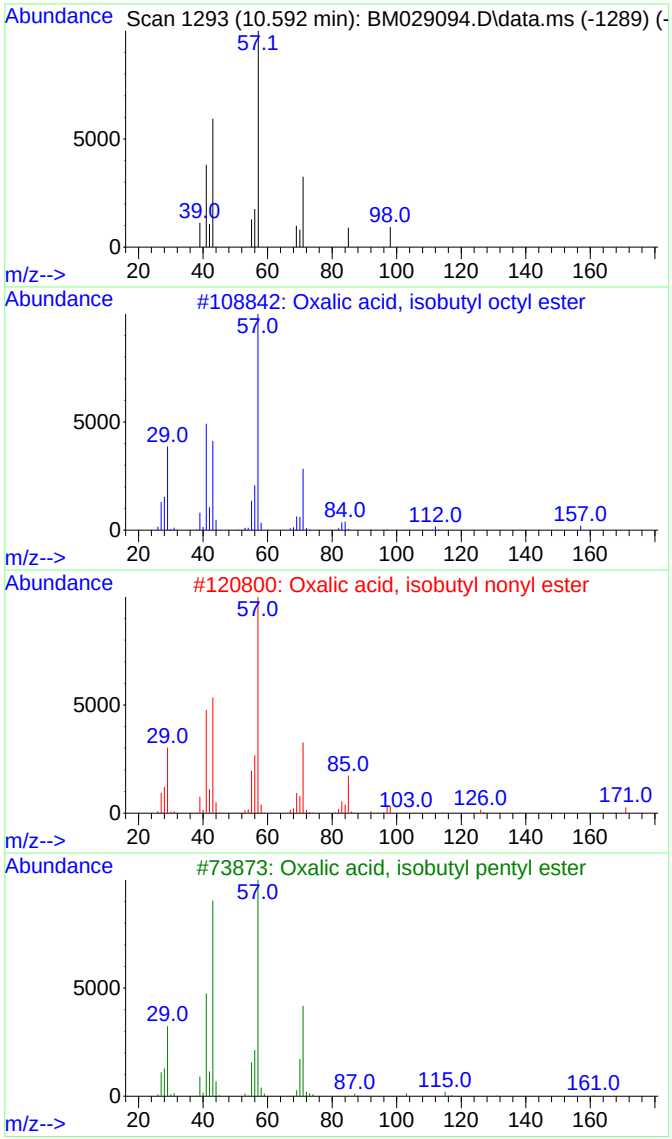
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

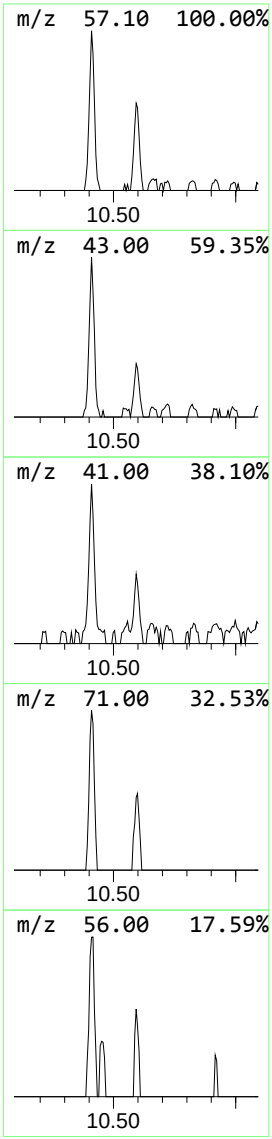
****

Peak Number 5 Oxalic acid, isobutyl octyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	3.46 ng	10123	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	59
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	50
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	50
4	Oxalic acid, heptyl propyl ester	230	C12H22O4	1000309-26-0	38
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

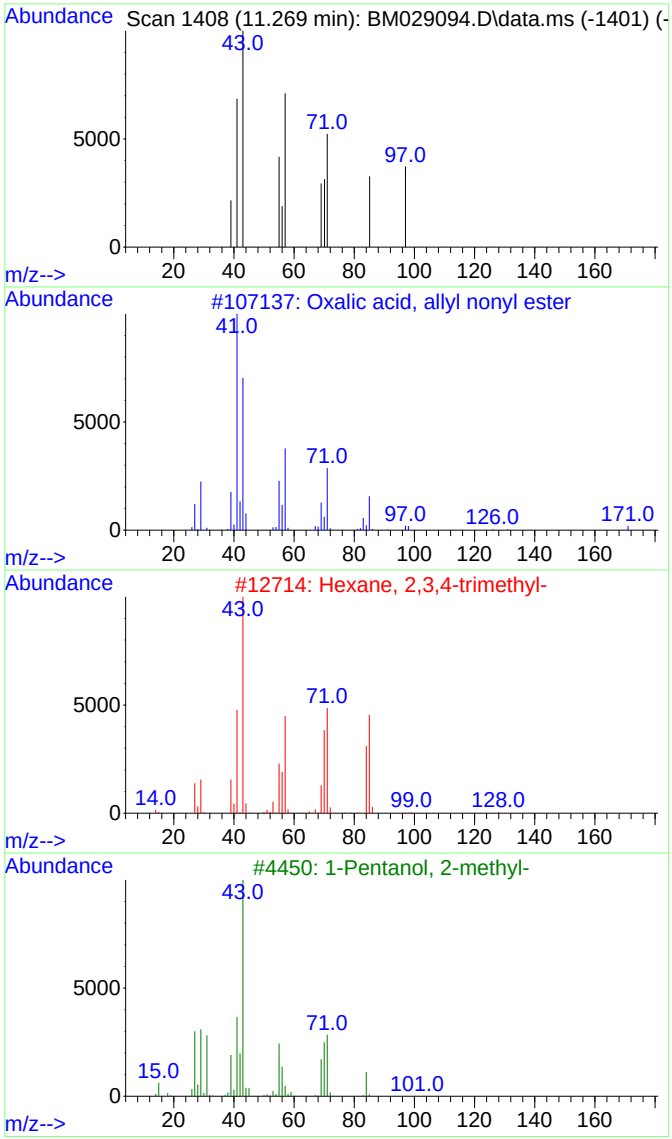
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

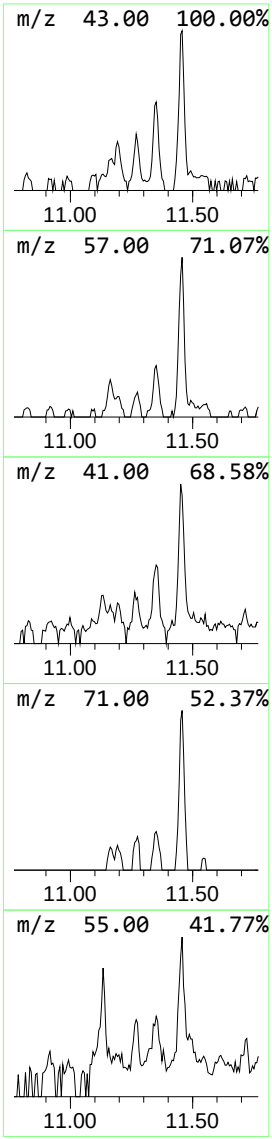
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Oxalic acid, allyl nonyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	2.27 ng	6652	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	64
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	45
3	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	33
4	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	28
5	2,4,6-Trimethyl-1-nonene	168	C12H24	055771-40-9	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

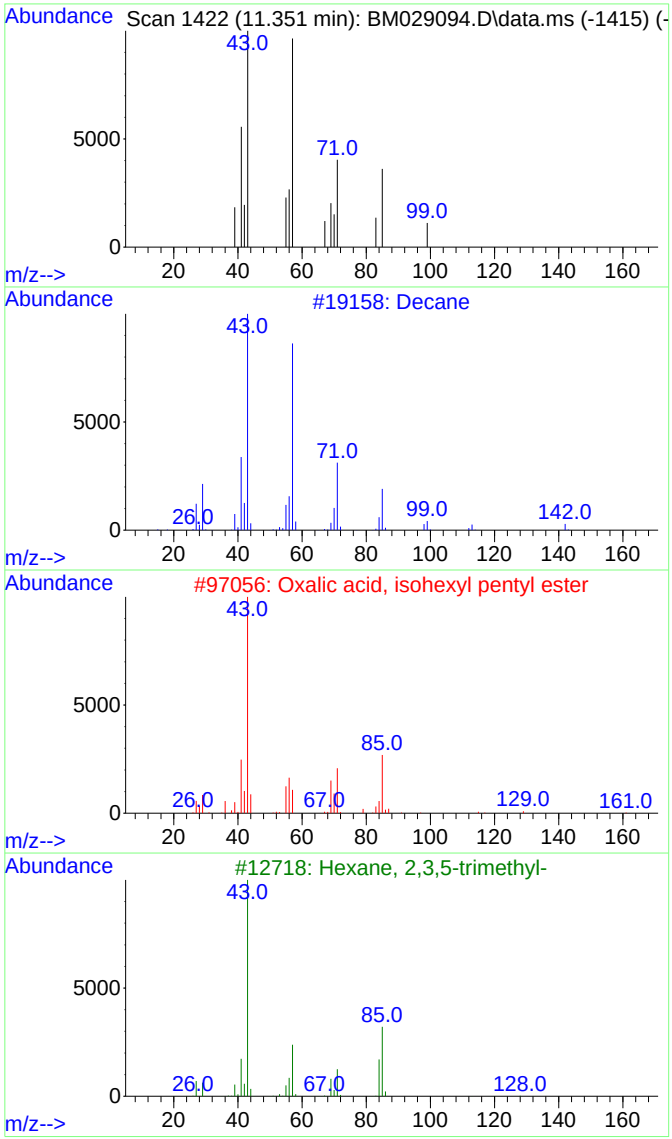
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

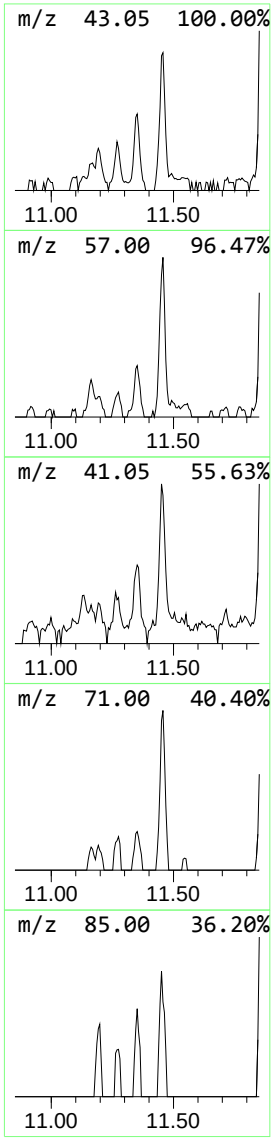
****

Peak Number 7 Decane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.351	3.87 ng	11328	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	59
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	45
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	42
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	42
5	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

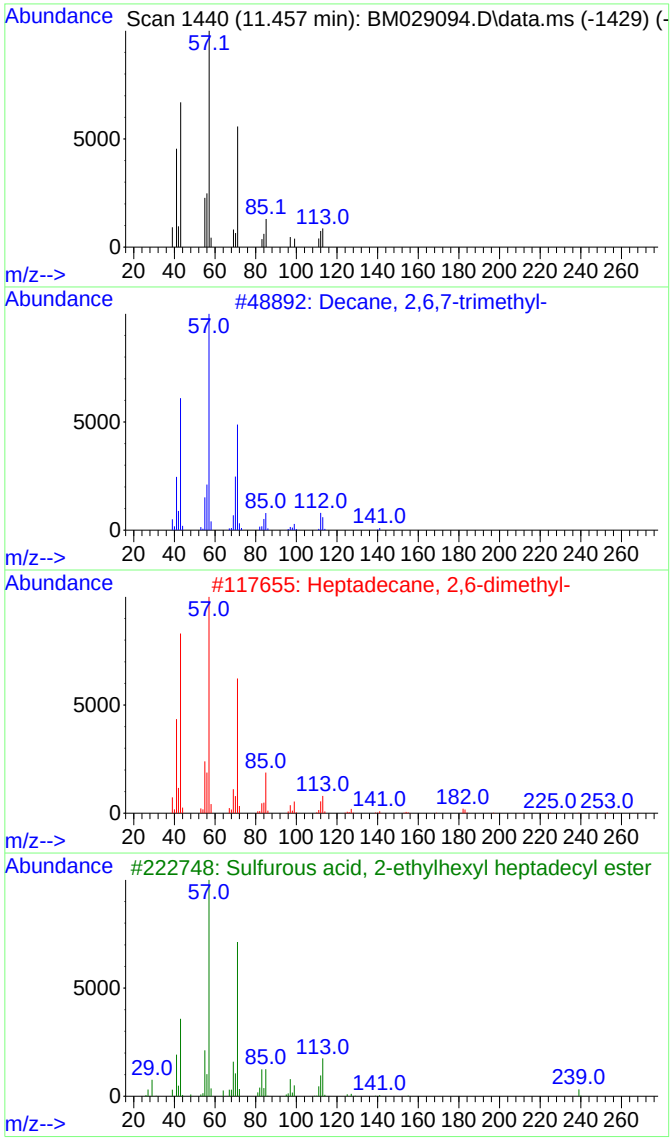
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

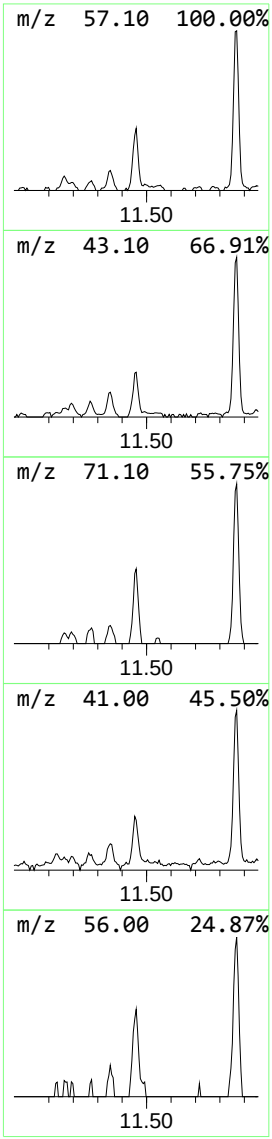
****

Peak Number 8 Decane, 2,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.457	9.32 ng	27269	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
3	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

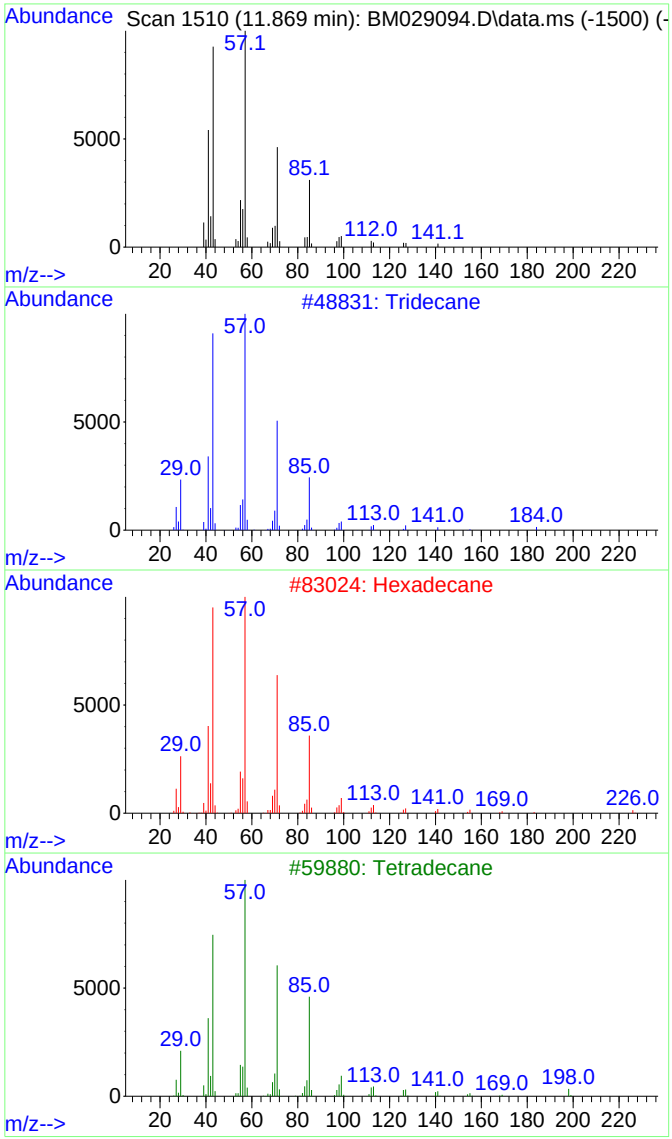
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

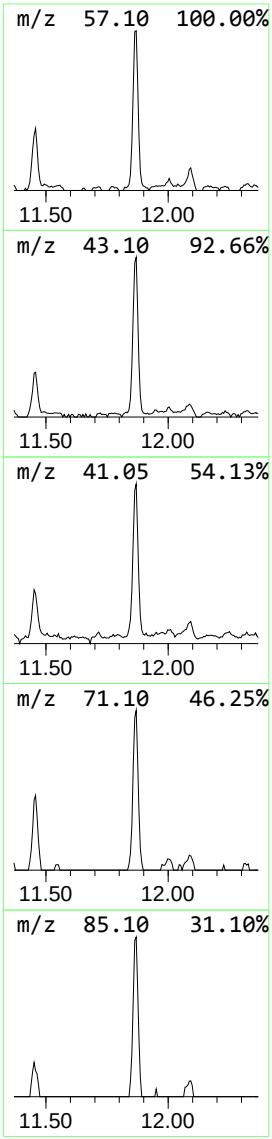
****

Peak Number 9 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	26.67 ng	78042	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

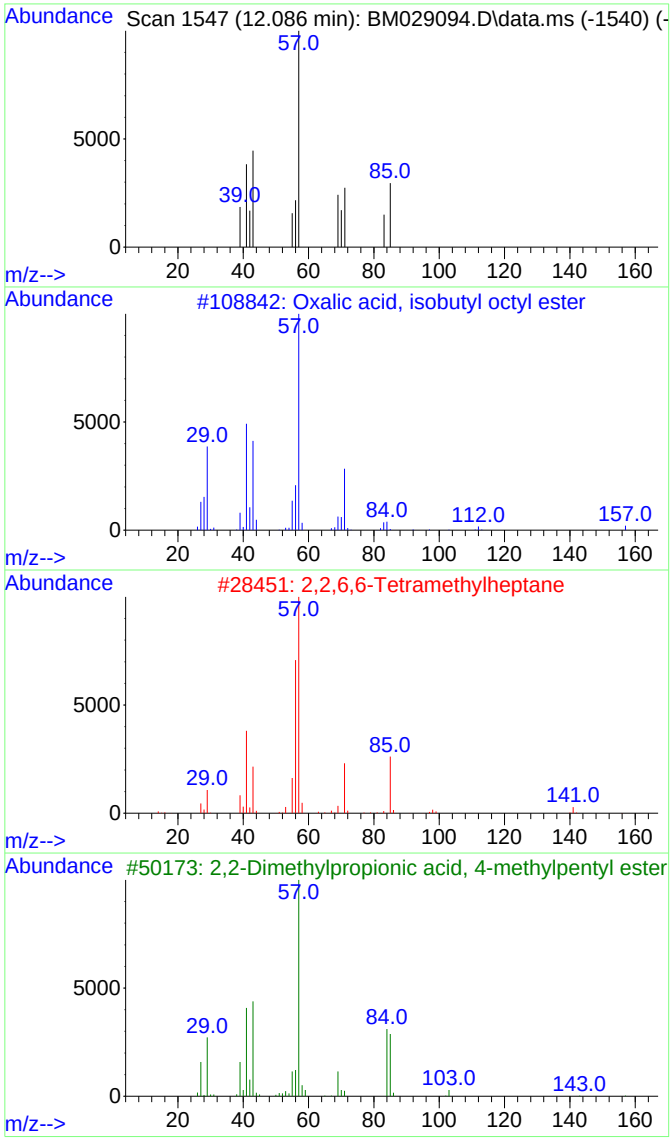
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

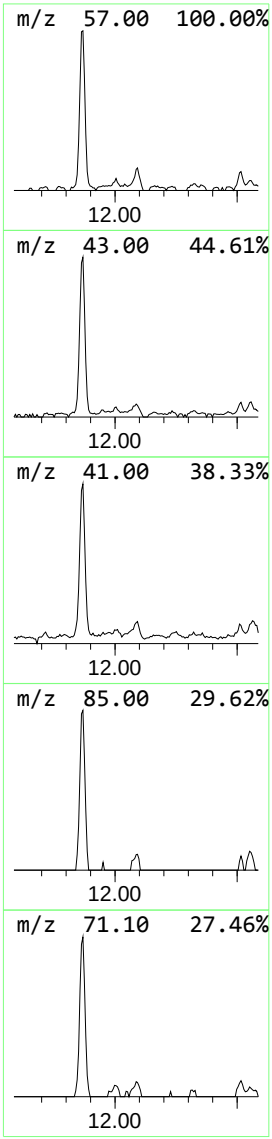
****

Peak Number 10 unknown12.08 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	3.69 ng	10799	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53
2	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	25
3	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	9
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	9
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

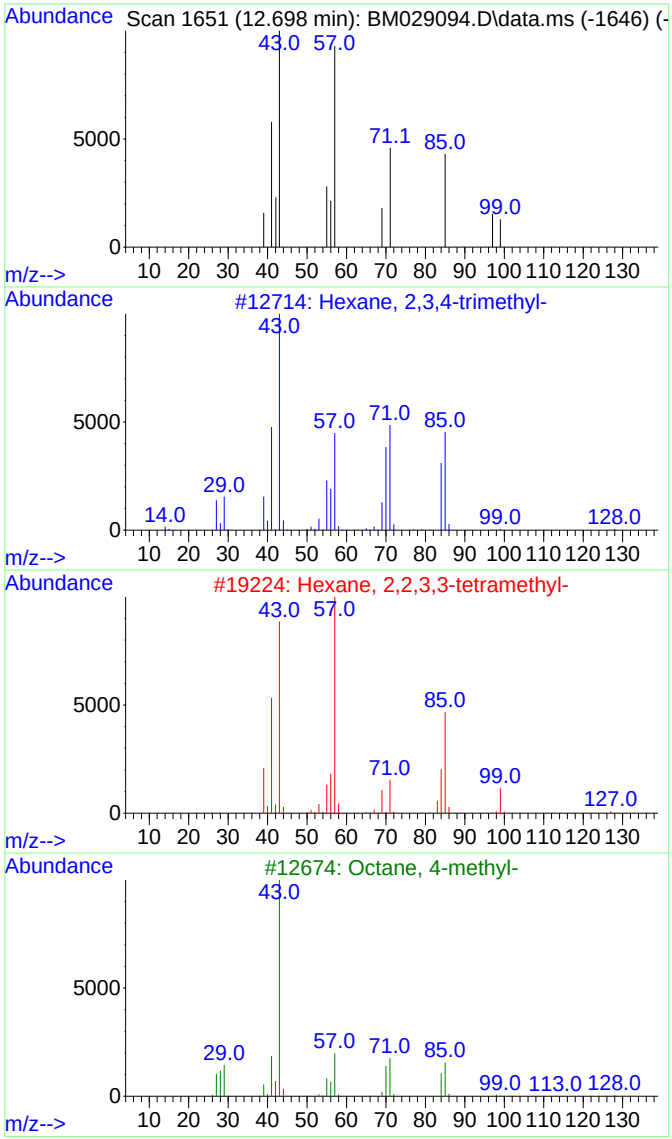
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

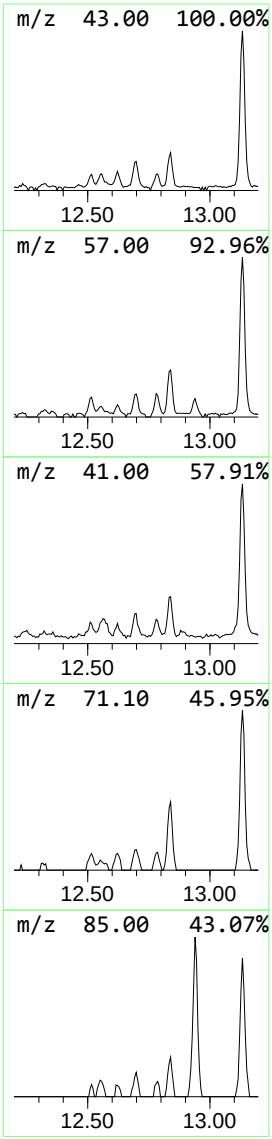
****

Peak Number 11 Hexane, 2,3,4-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	2.44 ng	8982	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	50
3	Octane, 4-methyl-	128	C9H20	002216-34-4	39
4	Ether, heptyl hexyl	200	C13H28O	007289-40-9	38
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

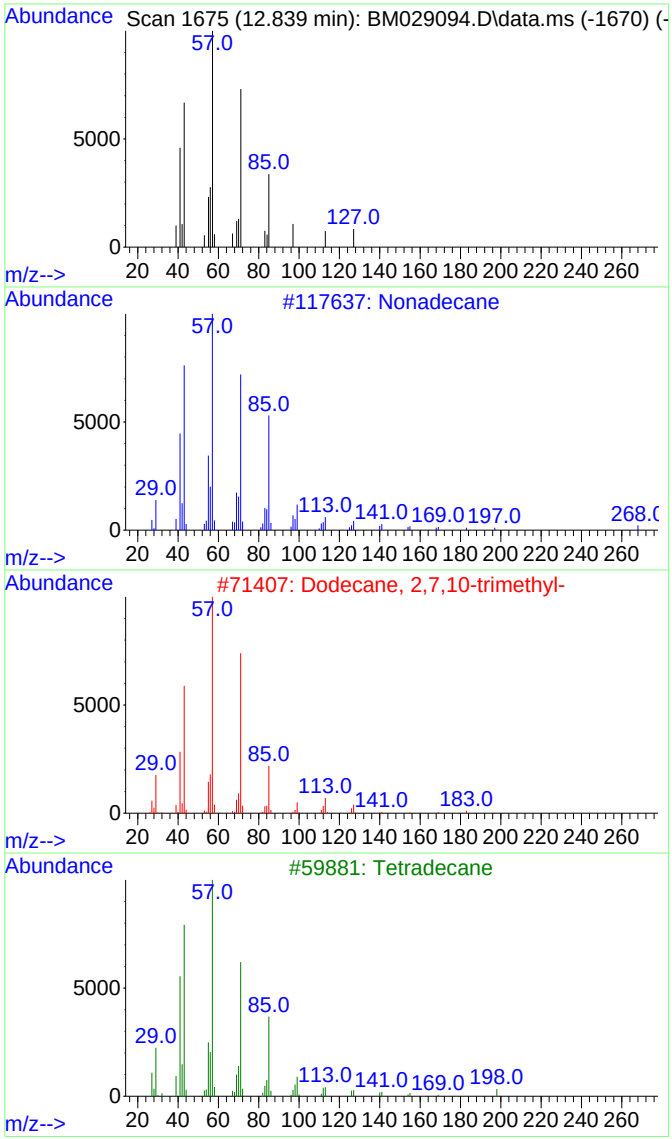
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

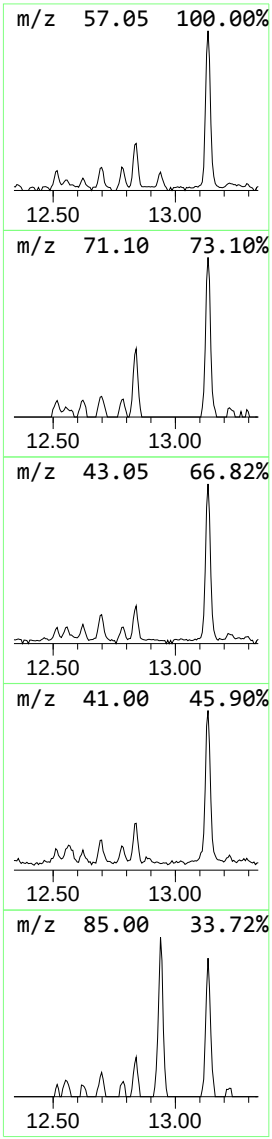
****

Peak Number 12 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.839	4.73 ng	17374	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Tetradecane	198	C14H30	000629-59-4	64
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

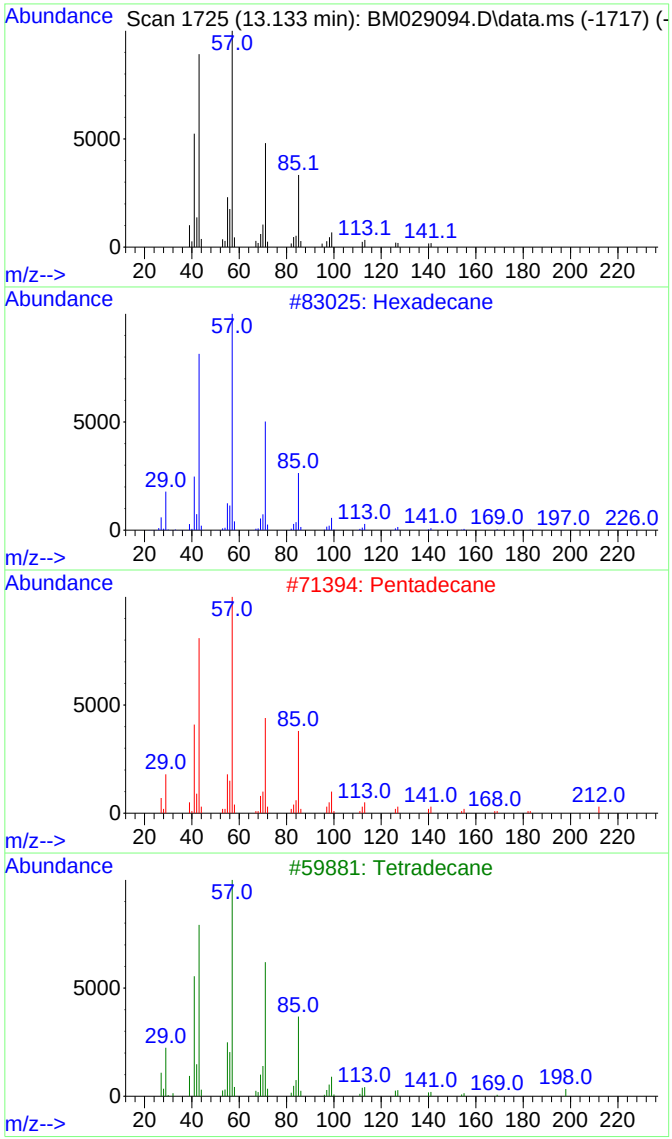
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

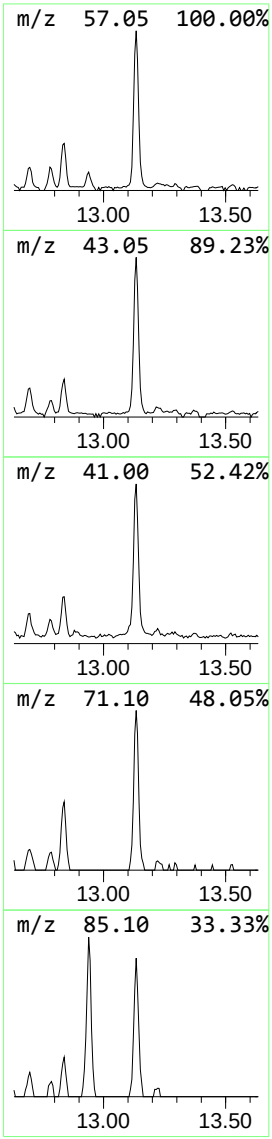
****

Peak Number 13 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	18.35 ng	67438	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetradecane	198	C14H30	000629-59-4	80
4	Tridecane	184	C13H28	000629-50-5	78
5	Undecane	156	C11H24	001120-21-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

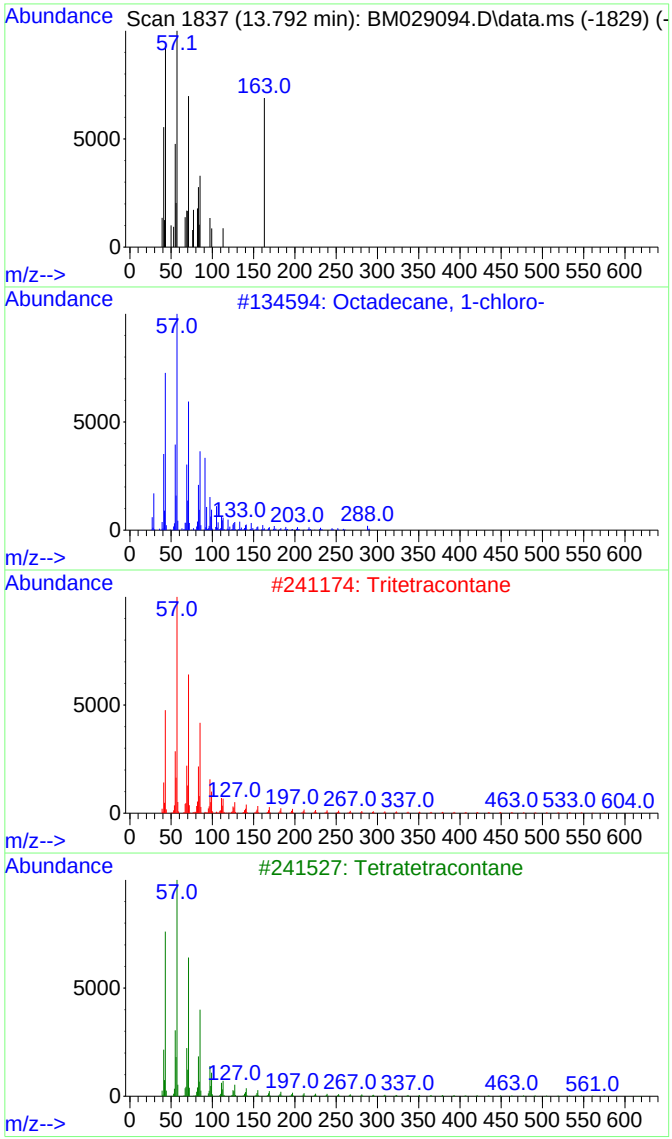
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

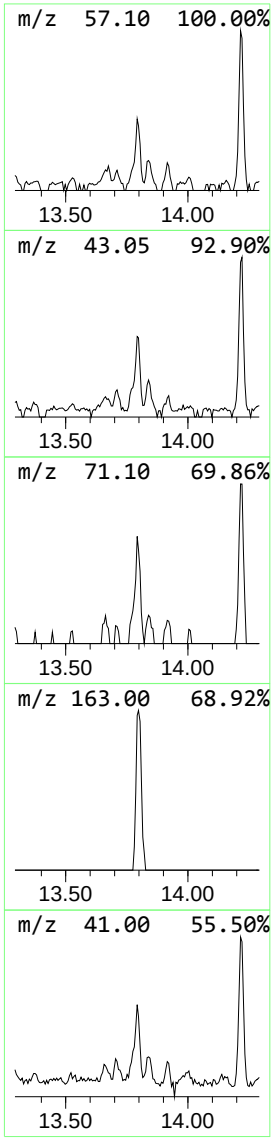
****

Peak Number 14 Octadecane, 1-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	6.44 ng	23670	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	59
2	Tritetracontane	605	C43H88	007098-21-7	53
3	Tetratetracontane	619	C44H90	007098-22-8	53
4	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	53
5	2-methyltetracosane	352	C25H52	1000376-72-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-3-17-17.5

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

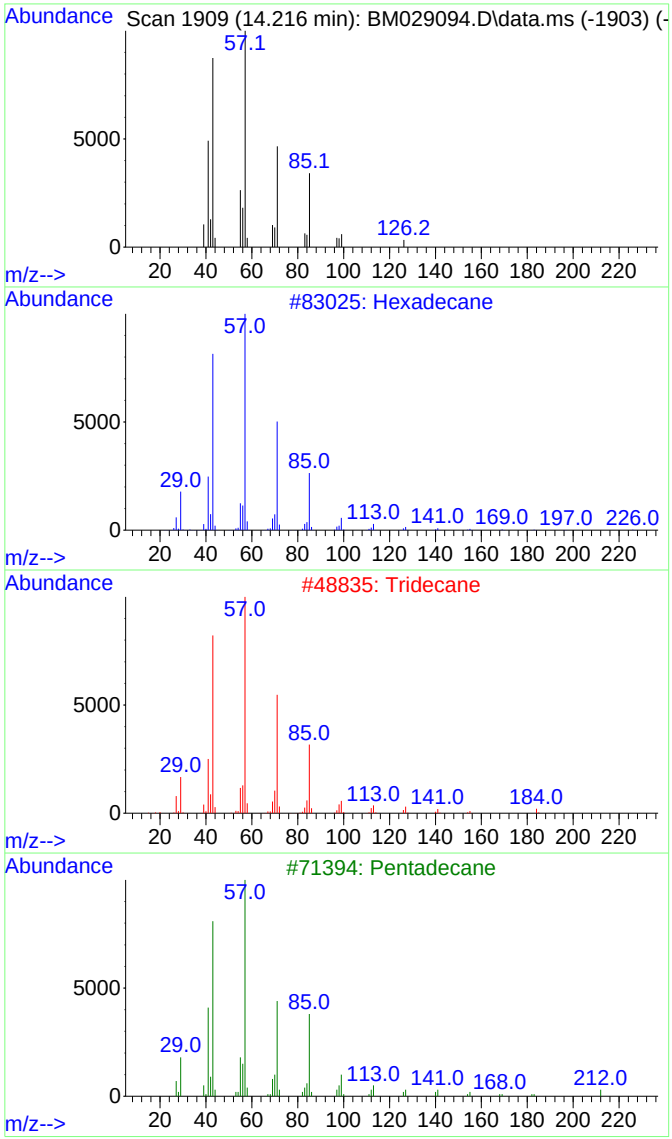
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

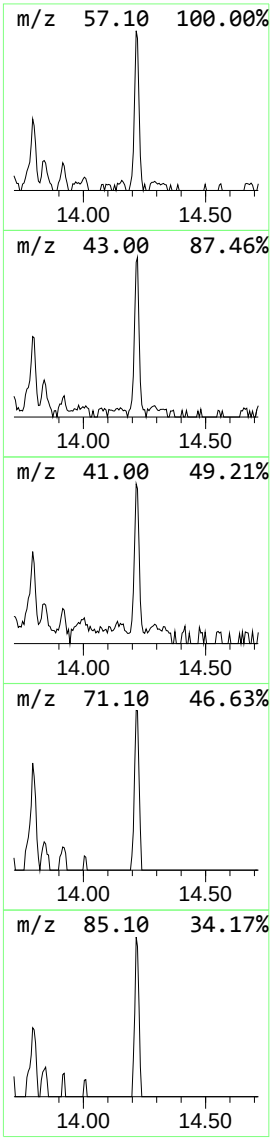
****

Peak Number 15 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.216	7.14 ng	26237	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Tridecane	184	C13H28	000629-50-5	78
3	Pentadecane	212	C15H32	000629-62-9	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

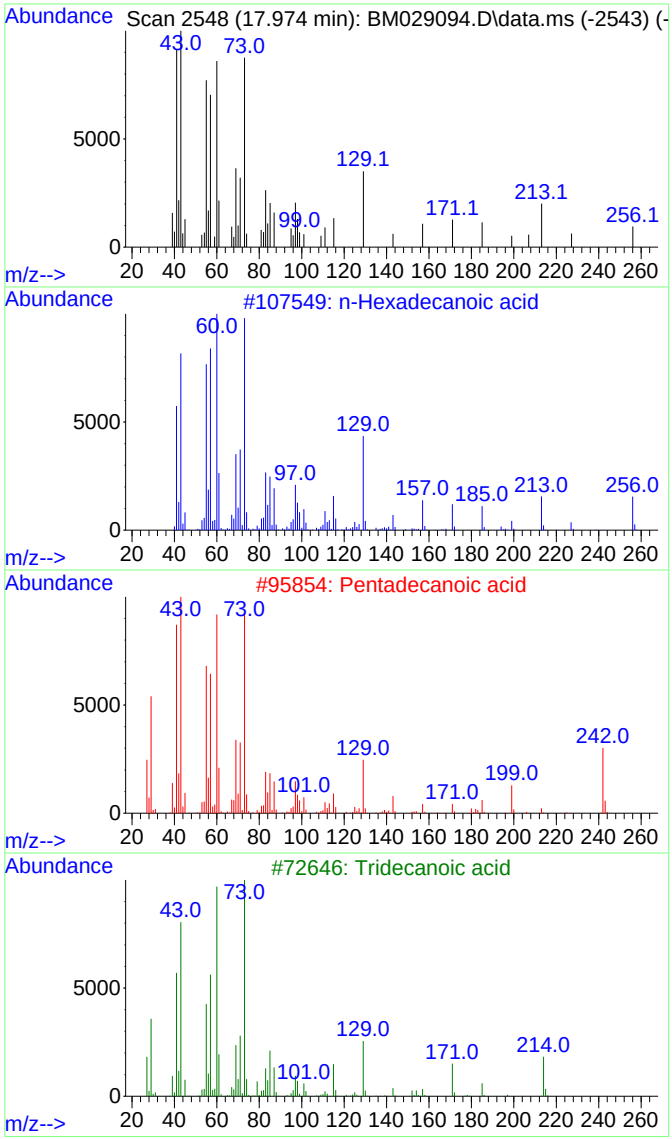
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

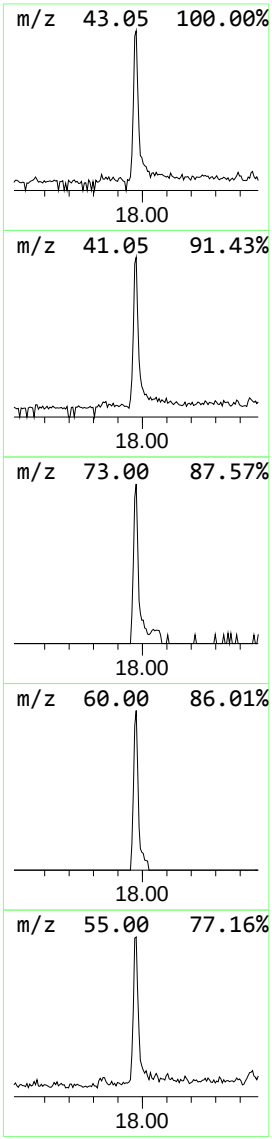
****

Peak Number 16 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	11.68 ng	47475	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

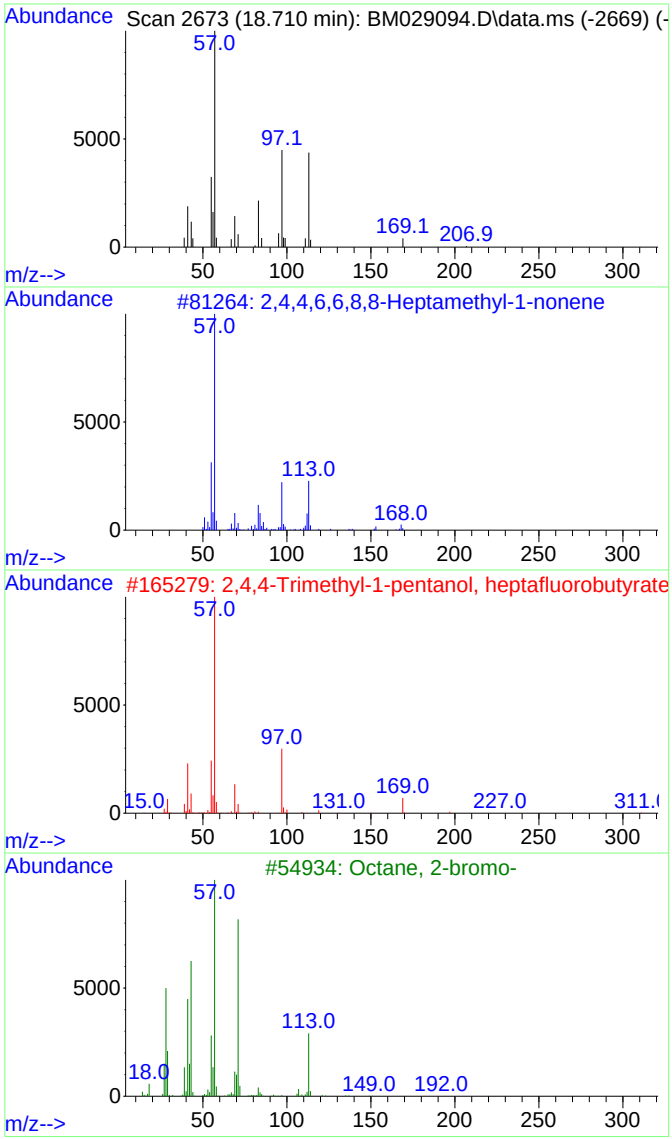
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

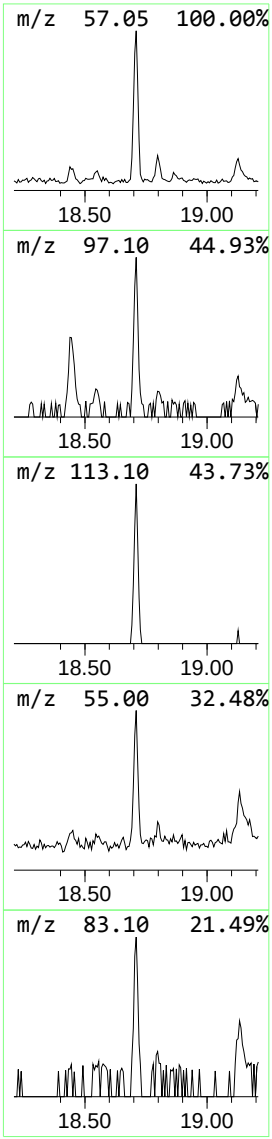
****

Peak Number 17 unknown18.70 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.709	4.75 ng	19303	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	45
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	35
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
4	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	25
5	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

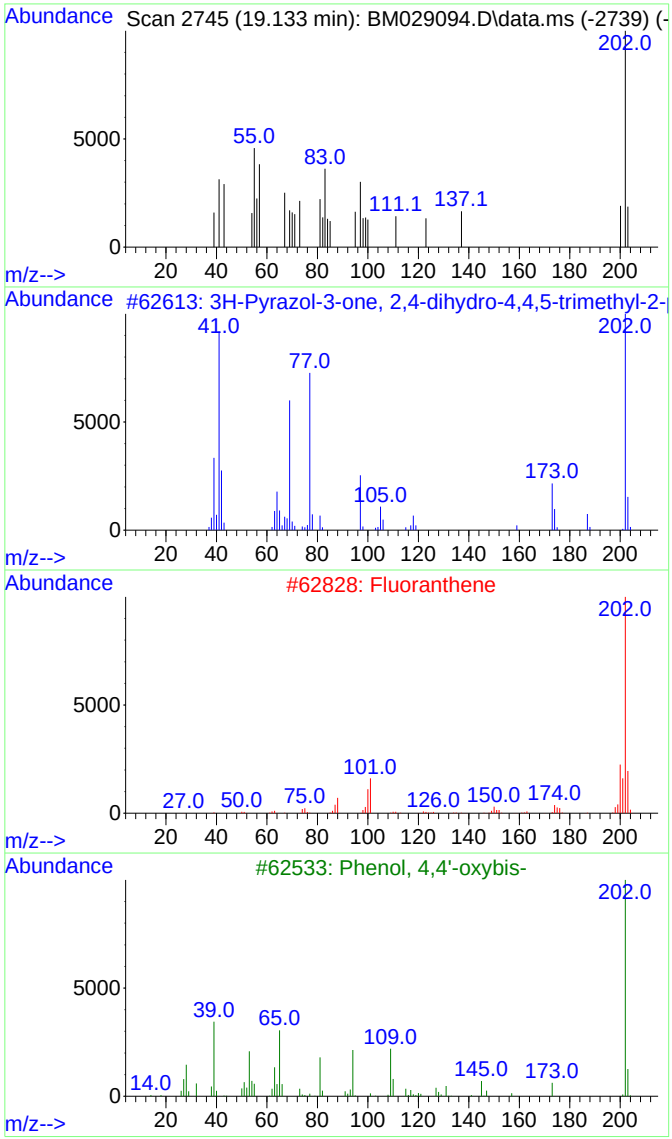
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

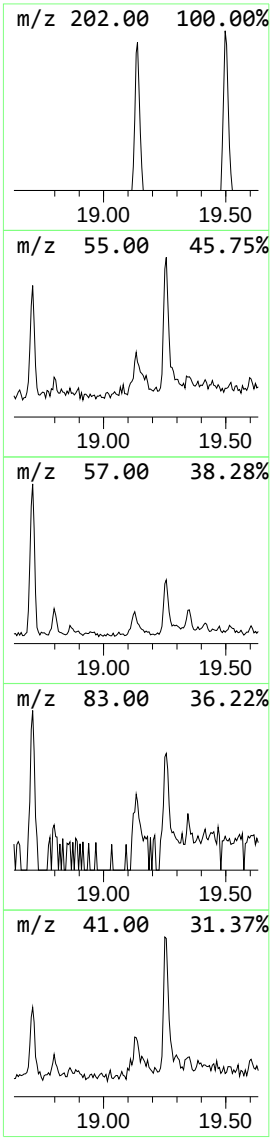
****

Peak Number 18 unknown19.13 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.133	3.99 ng	16196	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrazol-3-one, 2,4-dihydro-4,...	202	C12H14N2O	000947-82-0	9
2	Fluoranthene	202	C16H10	000206-44-0	9
3	Phenol, 4,4'-oxybis-	202	C12H10O3	001965-09-9	9
4	Pyrene	202	C16H10	000129-00-0	9
5	4,9-Decadienoic acid, 2-nitro-, ...	241	C12H19NO4	029085-46-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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

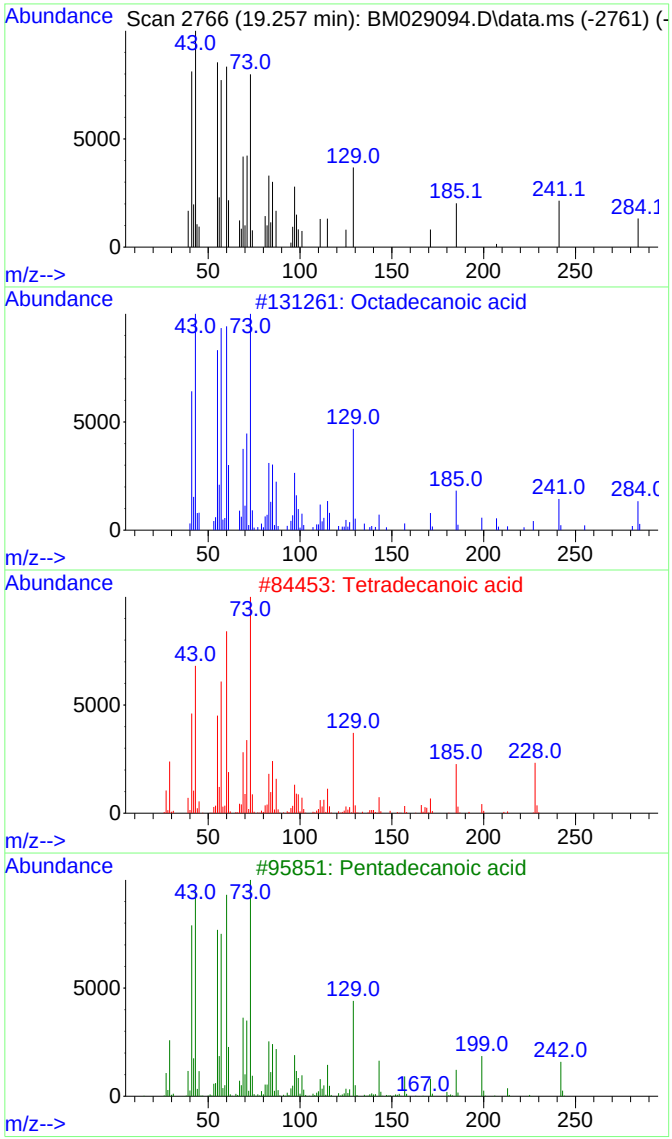
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

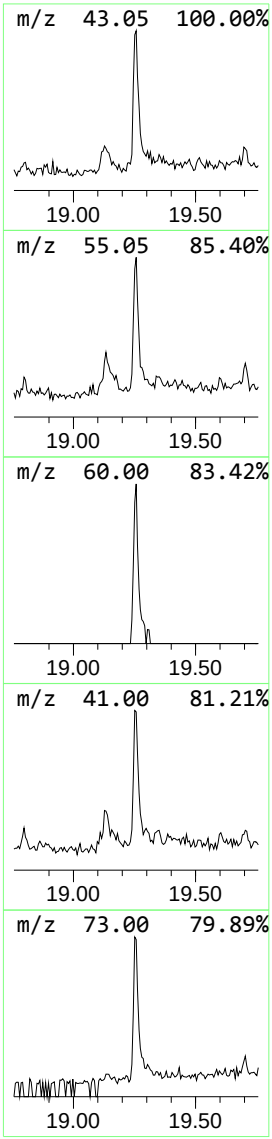
****

Peak Number 19 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.256	6.47 ng	33665	Chrysene-d12	21.250

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	59
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

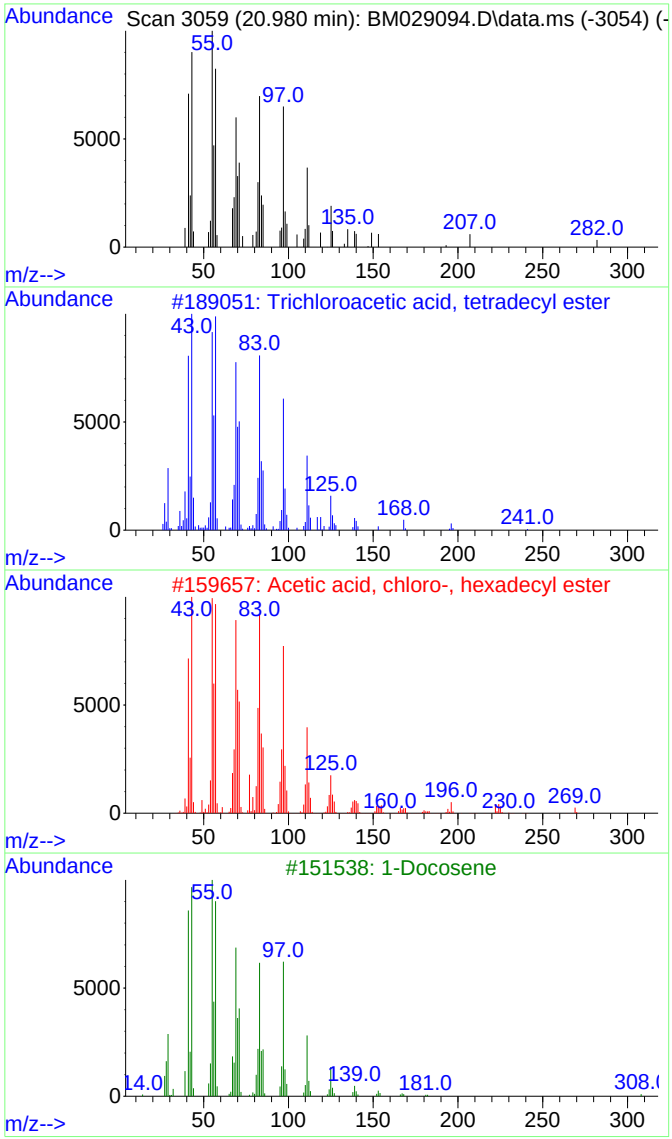
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

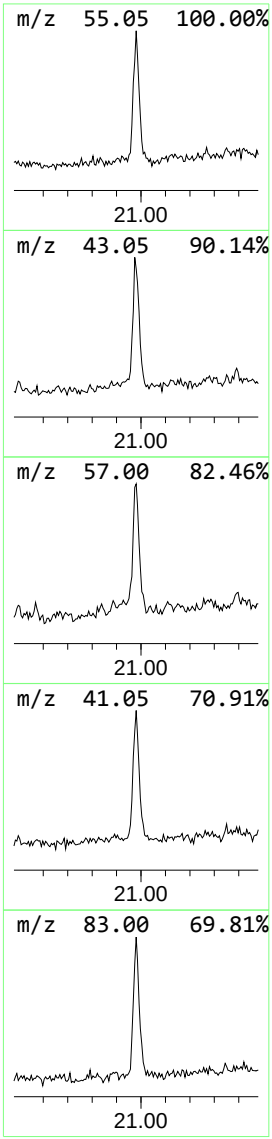
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Trichloroacetic acid, tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	9.53 ng	49611	Chrysene-d12	21.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
2	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029094.D
Acq On : 11 Mar 2021 14:37
Operator : CG/JU
Sample : M1618-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-3-17-17.5

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
Hydroxylamine, ...	5.640	4.7	ng	10044	1	7.663	42838	20.0
unknown6.18	6.187	2.8	ng	5904	1	7.663	42838	20.0
unknown6.26	6.263	3.1	ng	6640	1	7.663	42838	20.0
Undecane	7.263	10.4	ng	22332	1	7.663	42838	20.0
Oxalic acid, is...	10.592	3.5	ng	10123	2	10.451	58526	20.0
Oxalic acid, al...	11.269	2.3	ng	6652	2	10.451	58526	20.0
Decane	11.351	3.9	ng	11328	2	10.451	58526	20.0
Decane, 2,6,7-t...	11.457	9.3	ng	27269	2	10.451	58526	20.0
Tridecane	11.869	26.7	ng	78042	2	10.451	58526	20.0
unknown12.08	12.086	3.7	ng	10799	2	10.451	58526	20.0
Hexane, 2,3,4-t...	12.698	2.4	ng	8982	3	14.327	73510	20.0
Nonadecane	12.839	4.7	ng	17374	3	14.327	73510	20.0
Hexadecane	13.133	18.4	ng	67438	3	14.327	73510	20.0
Octadecane, 1-c...	13.792	6.4	ng	23670	3	14.327	73510	20.0
Pentadecane	14.216	7.1	ng	26237	3	14.327	73510	20.0
n-Hexadecanoic ...	17.974	11.7	ng	47475	4	17.080	81268	20.0
unknown18.70	18.709	4.8	ng	19303	4	17.080	81268	20.0
unknown19.13	19.133	4.0	ng	16196	4	17.080	81268	20.0
Octadecanoic acid	19.256	6.5	ng	33665	5	21.250	104066	20.0
Trichloroacetic...	20.980	9.5	ng	49611	5	21.250	104066	20.0