LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-012821

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028618.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	383	389	396	rBV	89351	129855	14.43%	1.723%
2	7.110	662	667	676	rVB	88051	137966	15.34%	1.831%
3	7.540	733	740	743	rBV	22410	32894	3.66%	0.436%
4	7.934	801	807	813	rVB	117035	185004	20.56%	2.455%
5	8.510	902	905	911	rVB	6989	9896	1.10%	0.131%
6	8.581	911	917	922	rBV4	13067	24291	2.70%	0.322%
7	8.686	929	935	940	rBV	9839	16252	1.81%	0.216%
8	9.034	990	994	1000	rVB3	8191	11179	1.24%	0.148%
9	9.104	1000	1006	1010	rVV	54546	90968	10.11%	1.207%
10	9.151	1010	1014	1020	rVB	69075	102982	11.45%	1.367%
11	9.245	1025	1030	1033	rBV4	5220	10117	1.12%	0.134%
12	9.286	1033	1037	1042	rVB4	8230	13599	1.51%	0.180%
13	9.386	1045	1054	1056	rBV3	5545	11411	1.27%	0.151%
14	9.569	1080	1085	1090	rBV2	9087	13787	1.53%	0.183%
15	9.775	1116	1120	1125	rBV3	7250	14739	1.64%	0.196%
16	9.857	1129	1134	1139	rVB4	9122	16077	1.79%	0.213%
17	9.910	1139	1143	1151	rBV4	6872	14990	1.67%	0.199%
18	9.986	1151	1156	1157	rBV2	8274	11432	1.27%	0.152%
19	10.075	1165	1171	1177	rBV4	12180	21098	2.35%	0.280%
20	10.151	1177	1184	1190	rBV5	21180	43606	4.85%	0.579%
21	10.257	1196	1202	1206	rBV	12332	17429	1.94%	0.231%
22	10.316	1206	1212	1218	rVB7	5403	10428	1.16%	0.138%
23	10.369	1218	1221	1226	rVB3	7119	10219	1.14%	0.136%
24	10.433	1226	1232	1235	rBV3	4880	9251	1.03%	0.123%
25	10.704	1272	1278	1281	rBV	98289	163417	18.16%	2.168%
26	10.745	1281	1285	1291	rVB	154822	247298	27.49%	3.281%
27	10.851	1298	1303	1305	rBV4	7889	12910	1.43%	0.171%
28	10.886	1305	1309	1315	rVB	31605	48229	5.36%	0.640%
29	10.951	1315	1320	1327	rBV5	8897	17113	1.90%	0.227%
30	11.010	1327	1330	1336	rVB4	5171	9070	1.01%	0.120%
31	11.210	1359	1364	1372	rVB6	10089	21408	2.38%	0.284%
32	11.427	1398	1401	1409	rVB6	9670	19900	2.21%	0.264%
33	11.486	1409	1411	1419	rVB4	8554	12936	1.44%	0.172%
34	11.563	1419	1424	1432	rBV5	13747	25826	2.87%	0.343%
35	11.645	1432	1438	1446	rVB4	21360	38593	4.29%	0.512%
36	11.745	1446	1455	1460	rBV	38649	69431	7.72%	0.921%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-012821

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.792	1460	1463	1467	rVB4	7705	10566	1.17%	0.140%
38	11.839	1467	1471	1477	rVB5	6708	12885	1.43%	0.171%
39	11.927	1481	1486	1493	rVB4	17605	30602	3.40%	0.406%
40	12.010	1493	1500	1505	rBV6	6392	15464	1.72%	0.205%
41	12.151	1516	1524	1531	rBV	121746	182315	20.26%	2.419%
42	12.286	1543	1547	1552	rVB5	12842	18691	2.08%	0.248%
43	12.369	1554	1561	1566	rBV4	14952	25217	2.80%	0.335%
44	12.651	1603	1609	1614	rVB4	12802	22136	2.46%	0.294%
45	12.786	1626	1632	1636	rBV4	14524	25594	2.84%	0.340%
46	12.827	1636	1639	1640	rBV2	8493	9097	1.01%	0.121%
47	12.892	1646	1650	1654	rBV2	8868	12571	1.40%	0.167%
48	12.963	1659	1662	1667	rVB	18739	25050	2.78%	0.332%
49	13.051	1673	1677	1681	rBV	13305	19266	2.14%	0.256%
50	13.104	1682	1686	1693	rVV2	33881	51564	5.73%	0.684%
51	13.204	1697	1703	1708	rVB	134717	191149	21.25%	2.536%
52	13.392	1729	1735	1743	rVB	107942	158498	17.62%	2.103%
53	13.521	1754	1757	1761	rVV3	9989	13118	1.46%	0.174%
54	13.921	1820	1825	1828	rBV5	5852	11403	1.27%	0.151%
55	13.957	1828	1831	1835	rVB4	10247	14337	1.59%	0.190%
56	14.051	1835	1847	1851	rBV3	29944	59020	6.56%	0.783%
57	14.092	1851	1854	1860	rVV4	16247	25055	2.78%	0.332%
58	14.168	1862	1867	1871	rVB2	11992	18612	2.07%	0.247%
59	14.416	1904	1909	1913	rBV7	5885	12730	1.41%	0.169%
60	14.468	1913	1918	1925	rVB	78893	104684	11.64%	1.389%
61	14.545	1926	1931	1932	rBV4	7989	10602	1.18%	0.141%
62	14.580	1932	1937	1944	rVB	223184	329488	36.62%	4.372%
63	14.910	1988	1993	2000	rBV6	5499	13845	1.54%	0.184%
64	15.086	2020	2023	2029	rVB3	10374	15729	1.75%	0.209%
65	15.415	2074	2079	2084	rVB	47721	57230	6.36%	0.759%
66	15.821	2139	2148	2152	rBV2	10571	21243	2.36%	0.282%
67	16.068	2185	2190	2195	rVB	95012	127293	14.15%	1.689%
68	16.274	2220	2225	2234	rBV	31412	51936	5.77%	0.689%
69	17.062	2354	2359	2363	rBV	21810	26257	2.92%	0.348%
70	17.115	2363	2368	2372	rVV3	6703	10345	1.15%	0.137%
71	17.315	2396	2402	2407	rBV	245200	341969	38.01%	4.538%
72	17.798	2479	2484	2488	rBV	18321	23007	2.56%	0.305%
73	17.845	2488	2492	2497	rVB	43492	48971	5.44%	0.650%
74	17.974	2508	2514	2519	rBV	365474	423067	47.02%	5.614%
75	18.192	2546	2551	2556	rBV	48569	69366	7.71%	0.920%
76	18.486	2597	2601	2605	rBV	16665	20185	2.24%	0.268%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-012821

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.951	2675	2680	2683	rBV2	7646	10066	1.12%	0.134%
78	19.109	2701	2707	2709	rBV	712796	829503	92.20%	11.007%
79	19.139	2709	2712	2716	rVB	798745	899678	100.00%	11.938%
80	19.268	2730	2734	2739	rBV	126756	150610	16.74%	1.998%
81	19.321	2739	2743	2745	rBV	28138	35976	4.00%	0.477%
82	19.351	2745	2748	2763	rVB2	72130	124880	13.88%	1.657%
83	19.462	2764	2767	2773	rVV2	20163	28285	3.14%	0.375%
84	19.633	2794	2796	2801	rVB6	8217	10191	1.13%	0.135%
85	19.686	2802	2805	2808	rVV2	16675	21591	2.40%	0.286%
86	19.721	2808	2811	2817	rVB	17534	26653	2.96%	0.354%
87	19.915	2840	2844	2849	rBV	201989	242184	26.92%	3.214%
88	20.215	2892	2895	2898	rBV2	14024	15303	1.70%	0.203%
89	20.245	2898	2900	2904	rVB4	9799	11334	1.26%	0.150%
90	20.356	2917	2919	2923	rVB4	10872	10930	1.21%	0.145%
91	20.709	2976	2979	2984	rVB	16034	17582	1.95%	0.233%
92	21.162	3053	3056	3060	rVB	51173	54881	6.10%	0.728%
93	21.462	3102	3107	3111	rBV	285696	371735	41.32%	4.933%
94	23.721	3485	3491	3498	rVB2	197357	369040	41.02%	4.897%

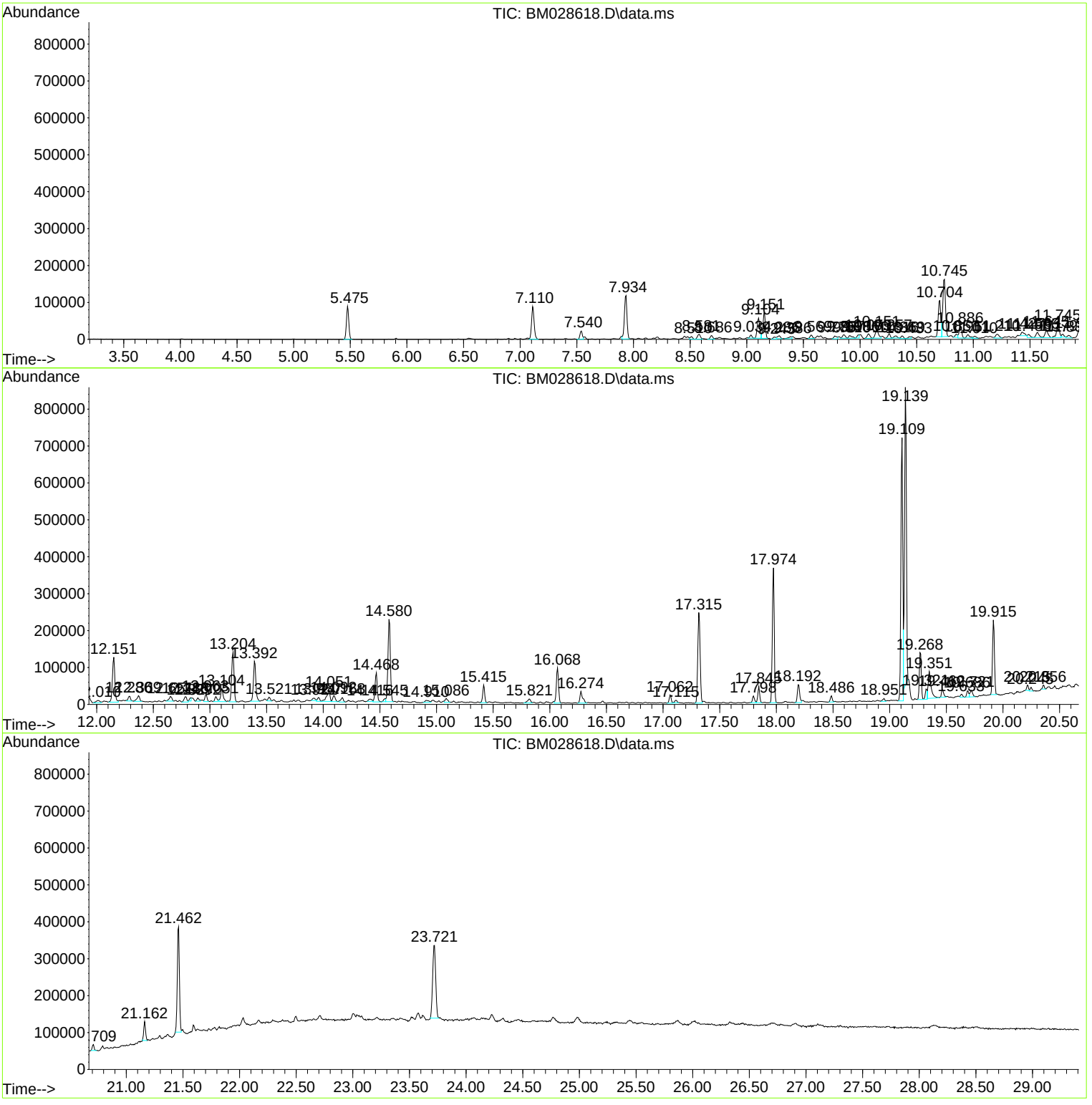
Sum of corrected areas: 7536180

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

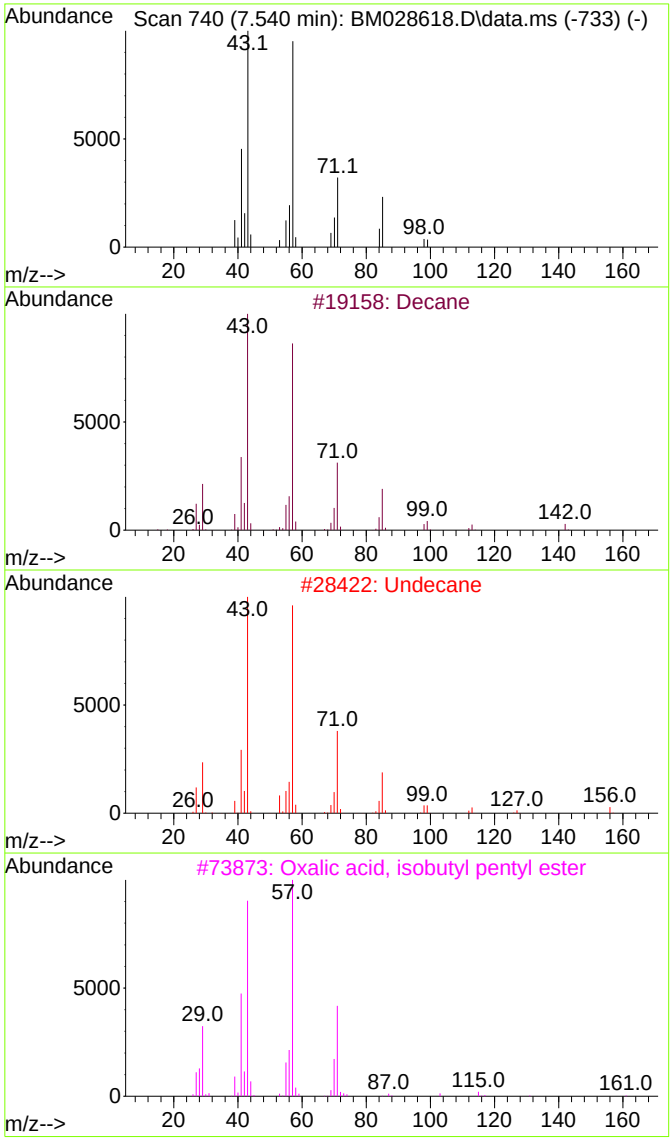
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

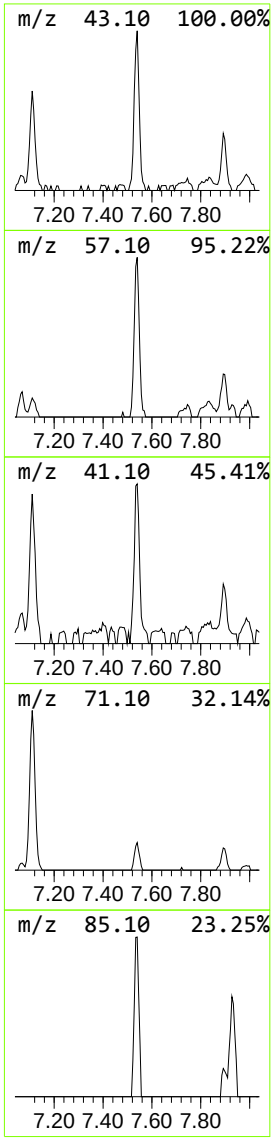
****

Peak Number 1 Decane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.540	3.56 ng	32894	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	83
2	Undecane	156	C11H24	001120-21-4	78
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

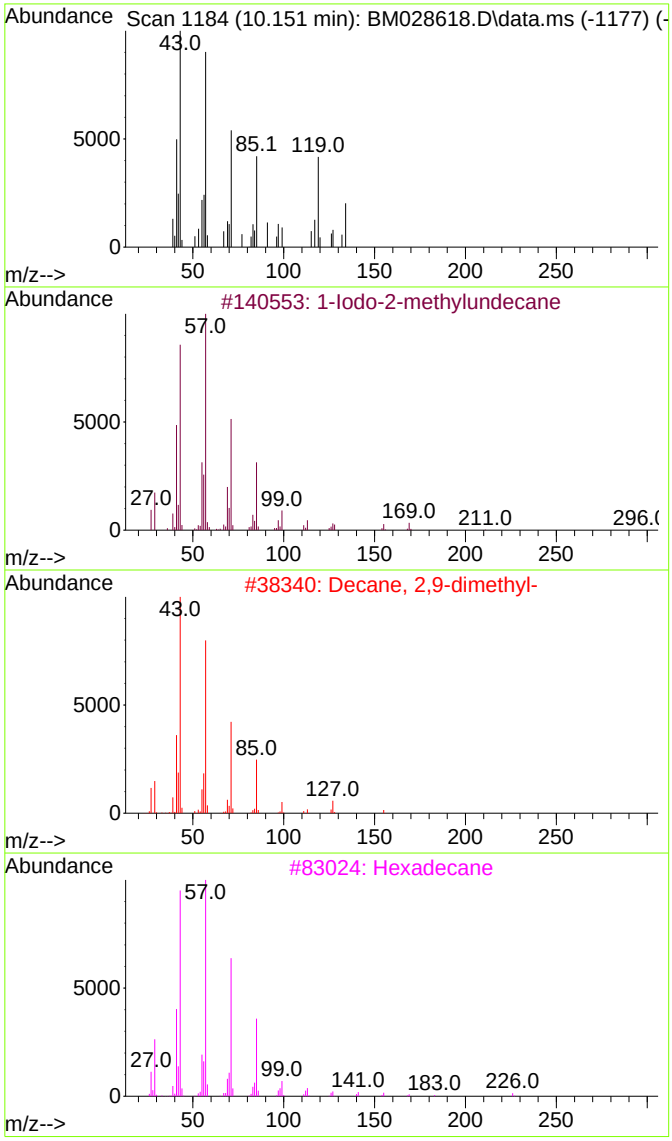
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

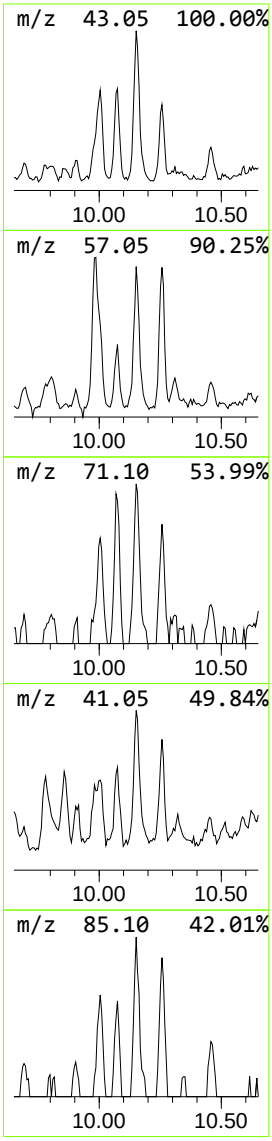
****

Peak Number 2 unknown10.151 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.151	3.53 ng	43606	Naphthalene-d8	10.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	47
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	43
3	Hexadecane	226	C16H34	000544-76-3	43
4	Tetradecane	198	C14H30	000629-59-4	43
5	Nonadecane	268	C19H40	000629-92-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012821

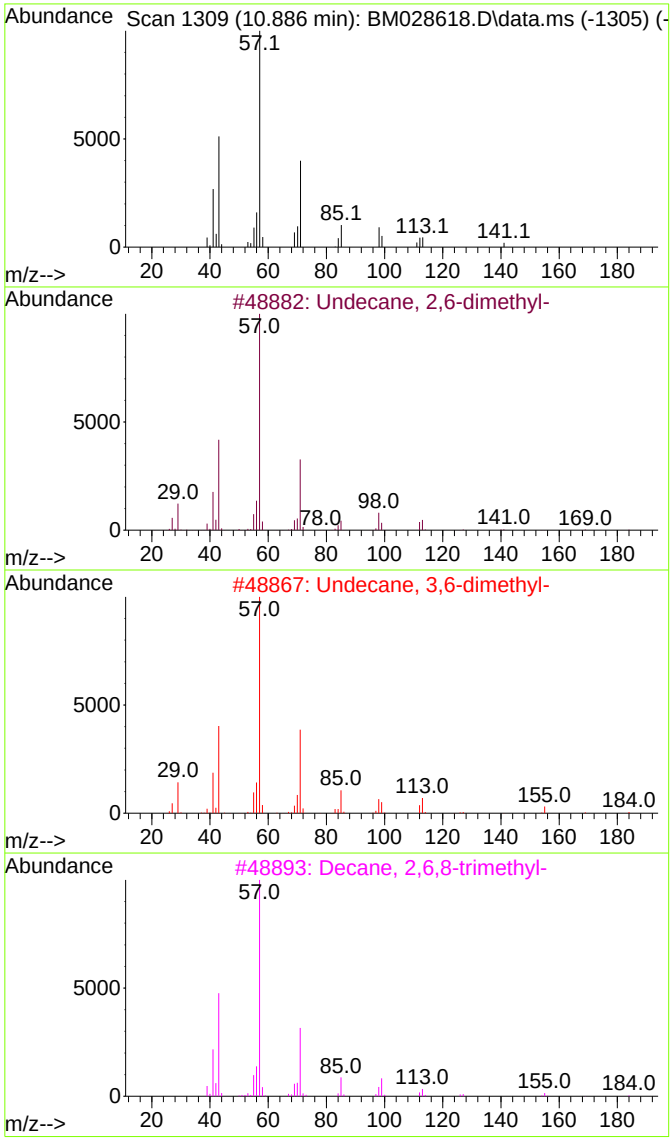
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

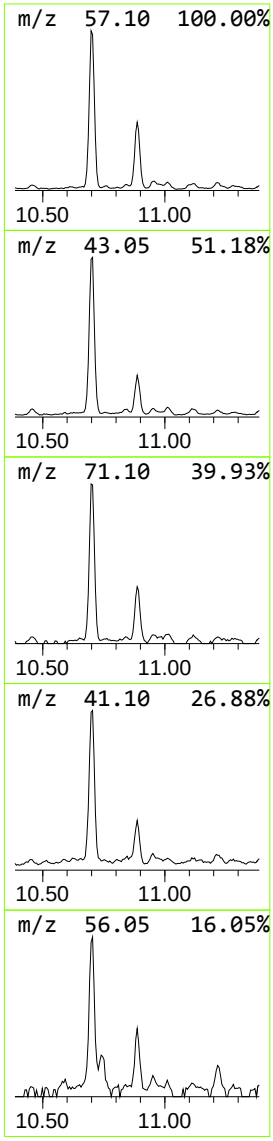
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.886	3.90 ng	48229	Naphthalene-d8	10.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	78
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	78
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-012821

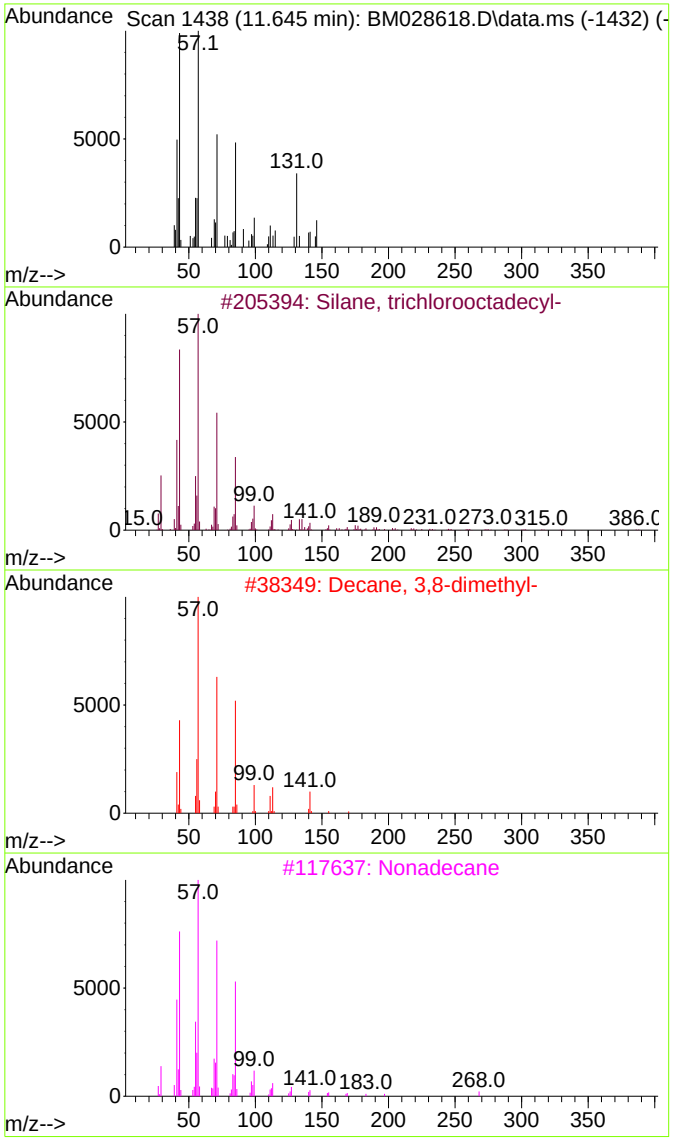
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

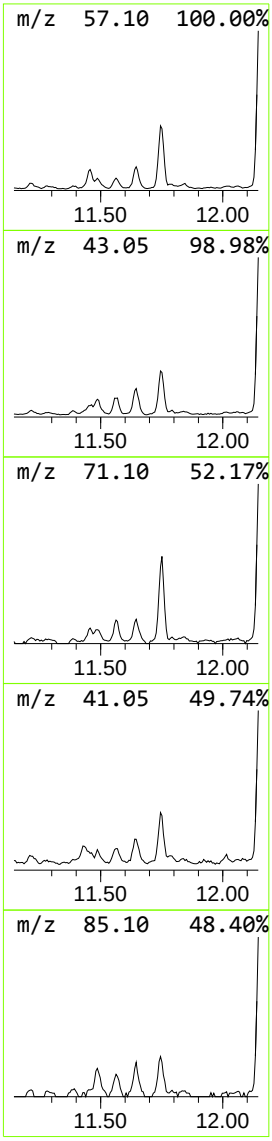
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Silane, trichlorooctadecyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	3.12 ng	38593	Naphthalene-d8	10.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	58
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
3	Nonadecane	268	C19H40	000629-92-5	52
4	Decane, 2-methyl-	156	C11H24	006975-98-0	50
5	9-methylheptadecane	254	C18H38	026741-18-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

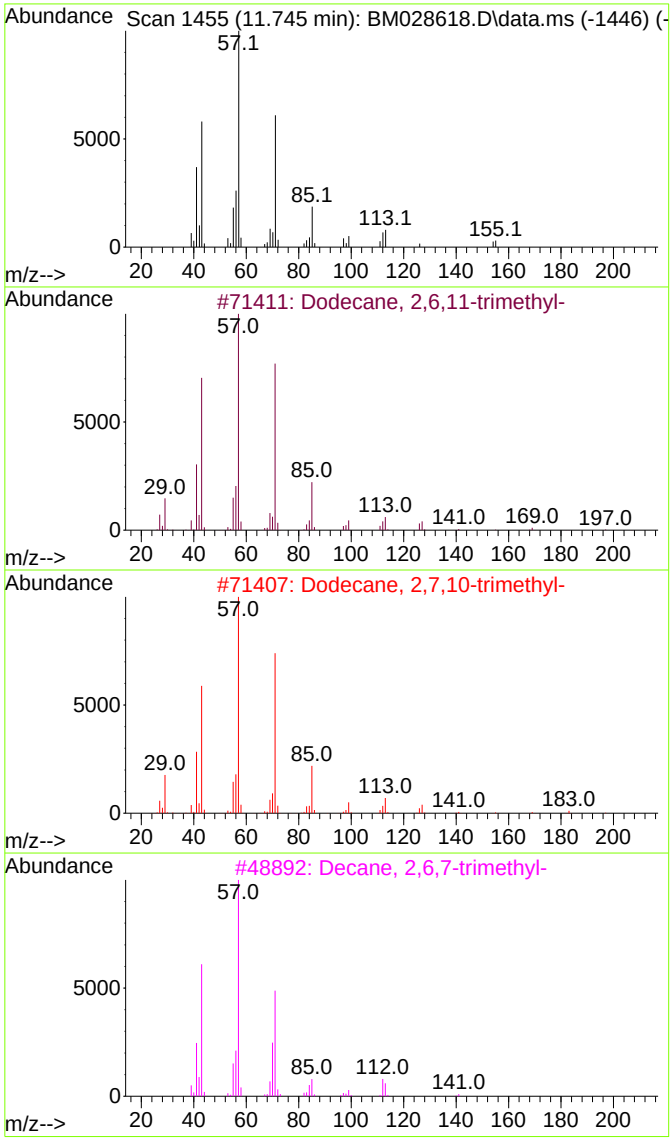
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

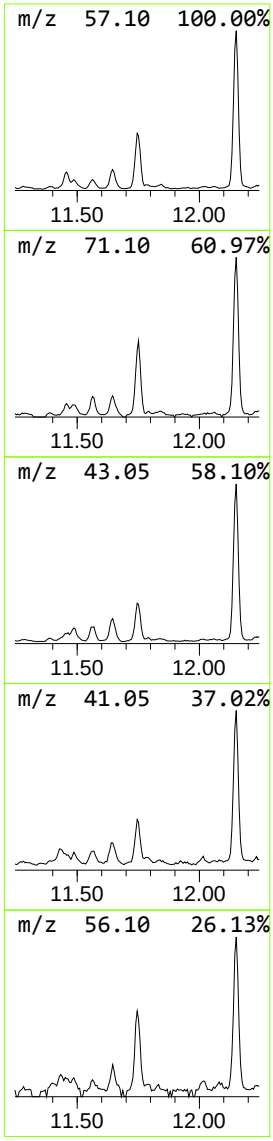
****

Peak Number 5 Dodecane, 2,6,11-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	5.62 ng	69431	Naphthalene-d8	10.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

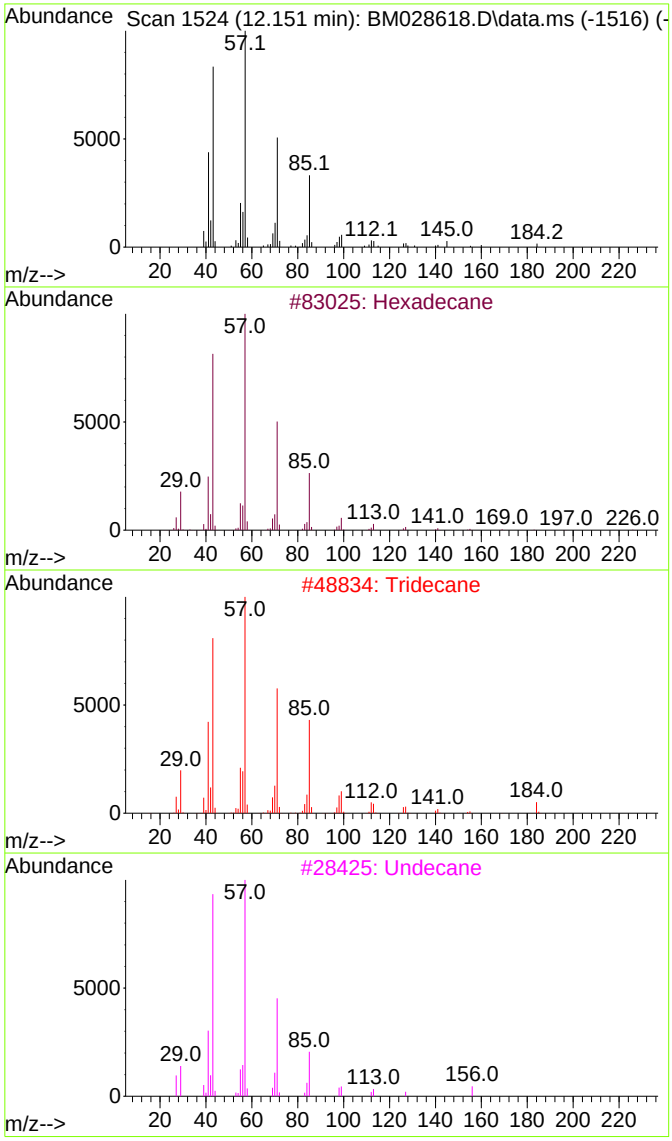
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

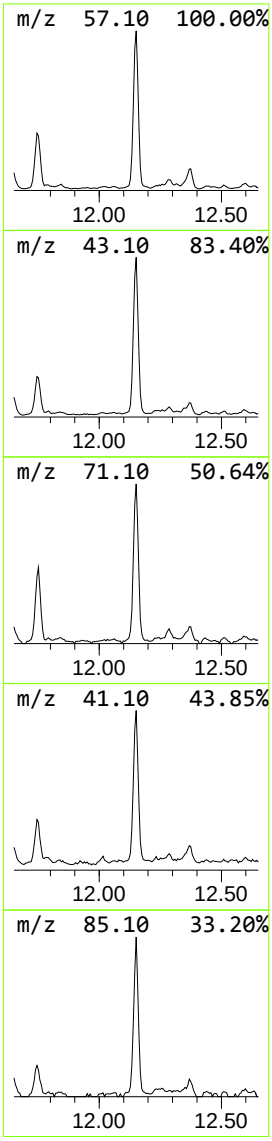
****

Peak Number 6 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	14.74 ng	182315	Naphthalene-d8	10.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Undecane	156	C11H24	001120-21-4	86
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012821

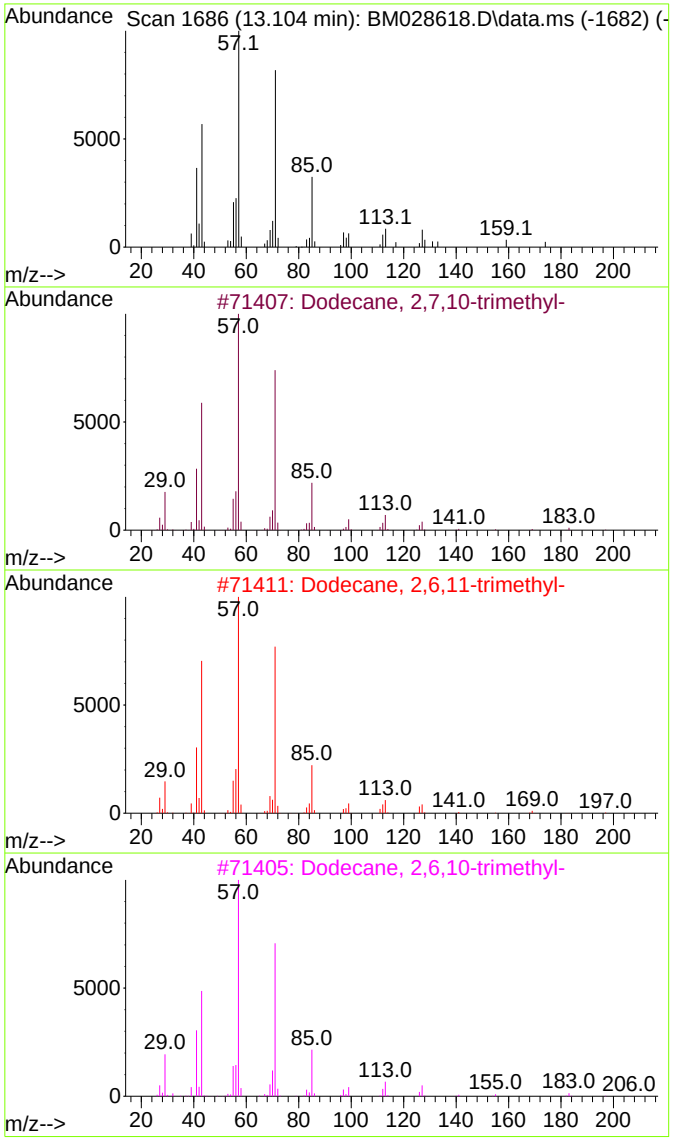
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

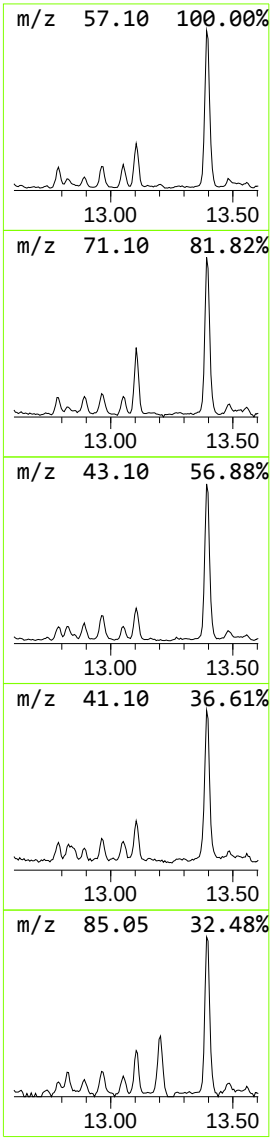
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	3.13 ng	51564	Acenaphthene-d10	14.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

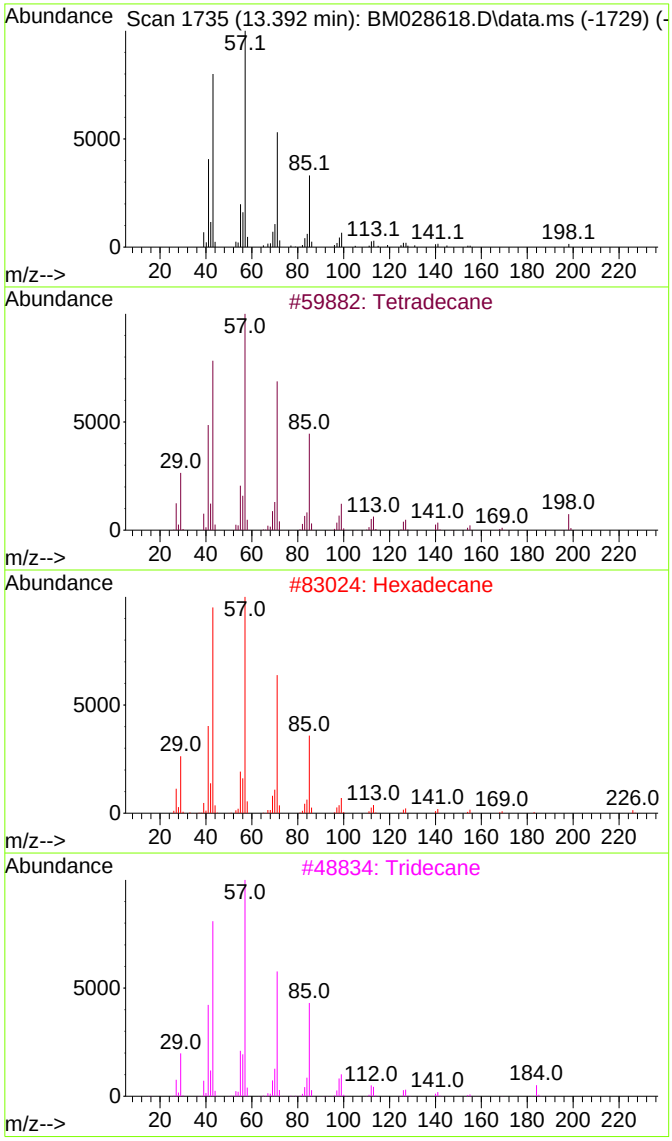
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

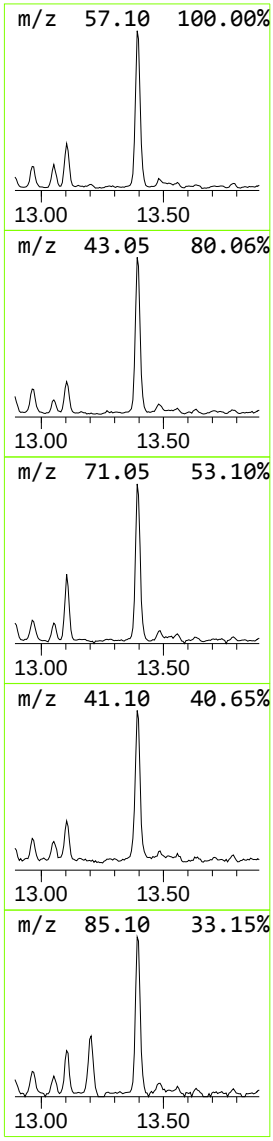
****

Peak Number 8 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.392	9.62 ng	158498	Acenaphthene-d10	14.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Undecane	156	C11H24	001120-21-4	86
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012821

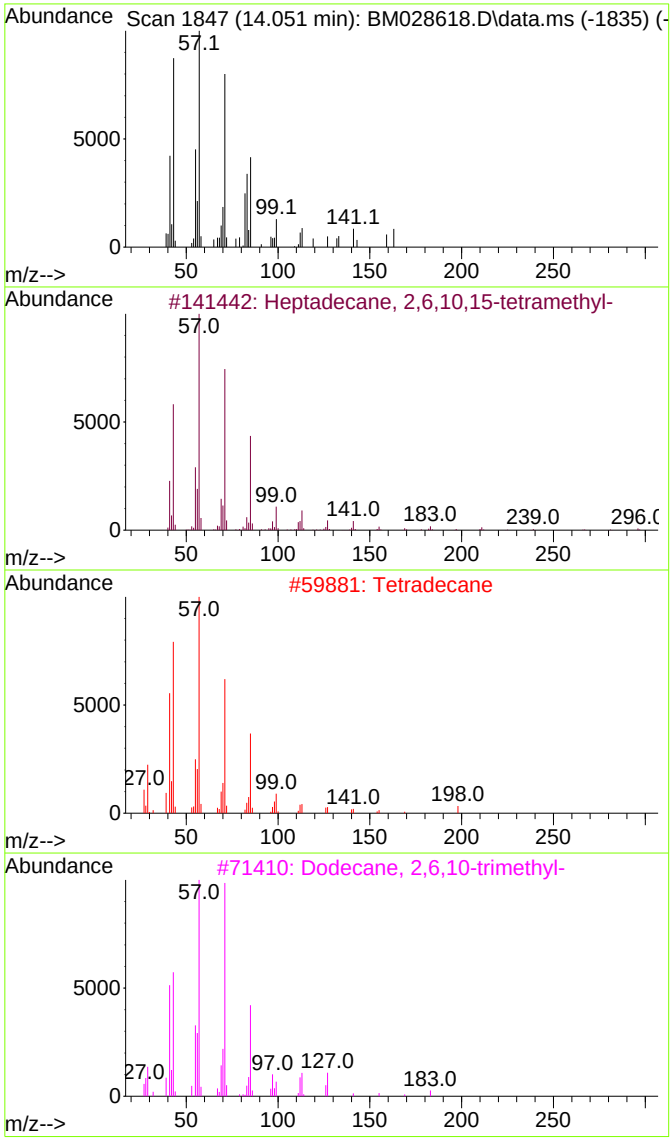
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

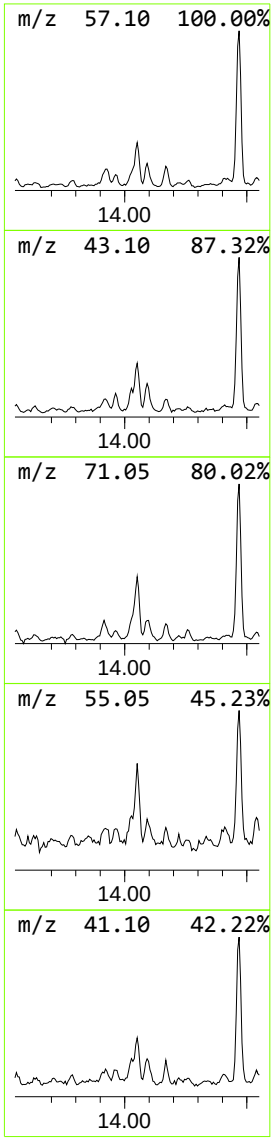
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Heptadecane, 2,6,10,15-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.051	3.58 ng	59020	Acenaphthene-d10	14.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
2	Tetradecane	198	C14H30	000629-59-4	59
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
4	Eicosane	282	C20H42	000112-95-8	53
5	Hexadecane	226	C16H34	000544-76-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

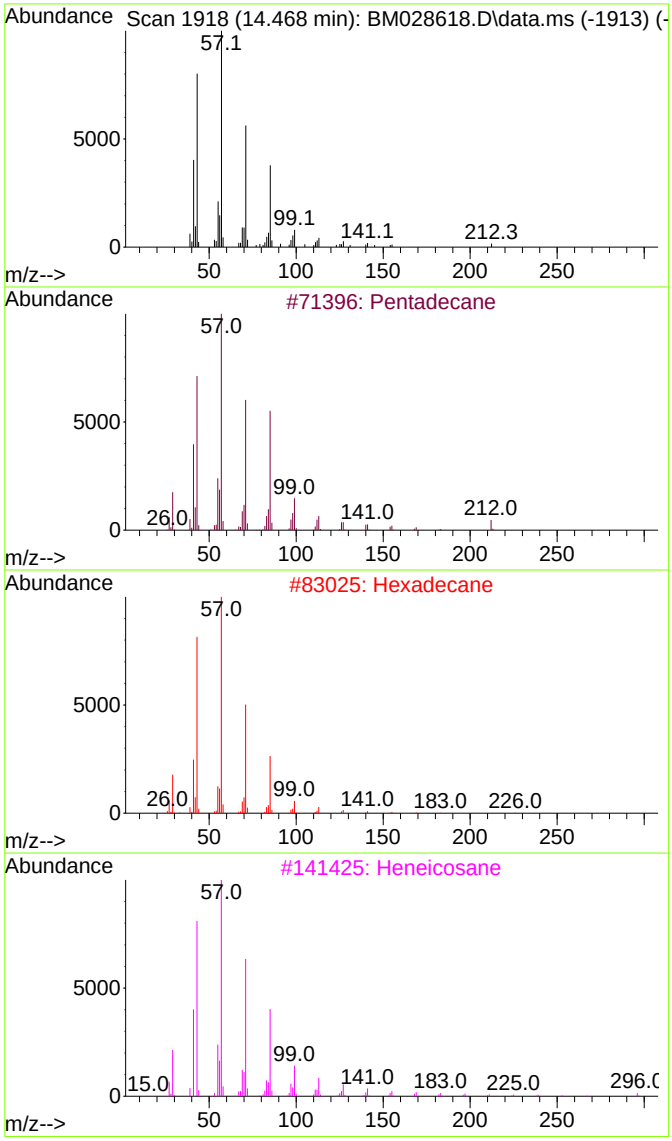
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

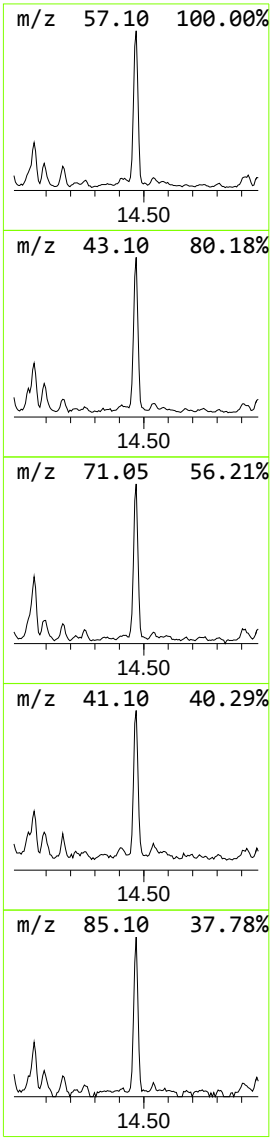
****

Peak Number 10 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.469	6.35 ng	104684	Acenaphthene-d10	14.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

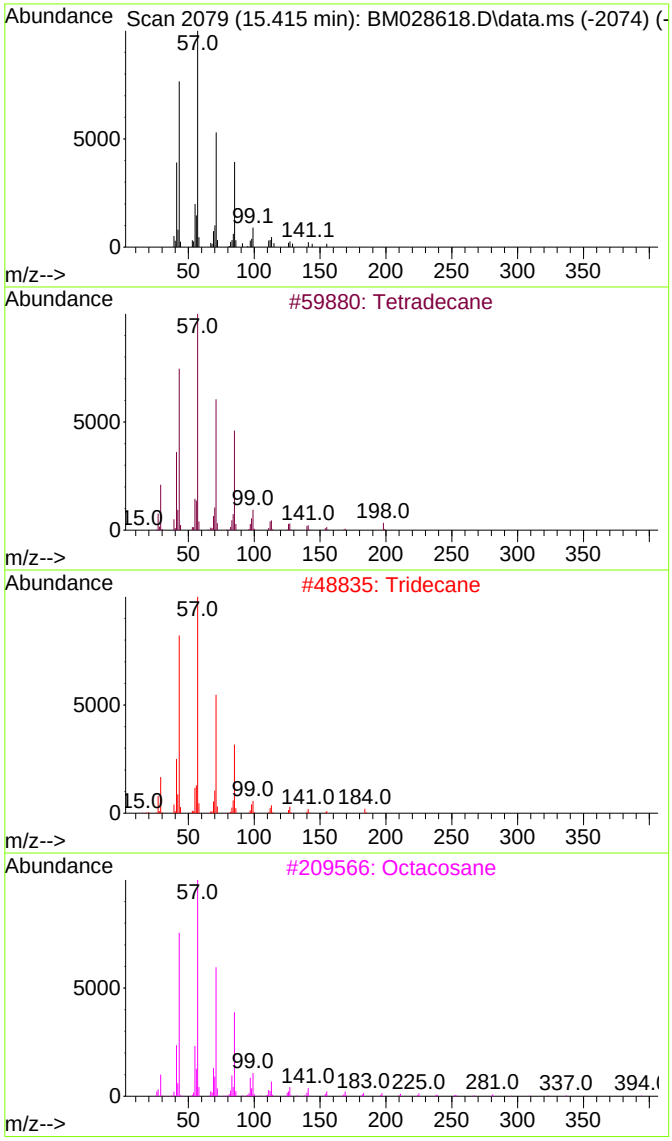
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

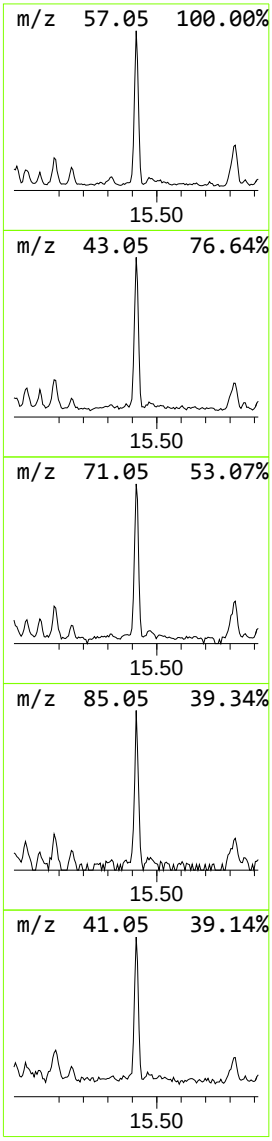
****

Peak Number 11 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	3.47 ng	57230	Acenaphthene-d10	14.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Octacosane	394	C28H58	000630-02-4	83
4	Pentadecane	212	C15H32	000629-62-9	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

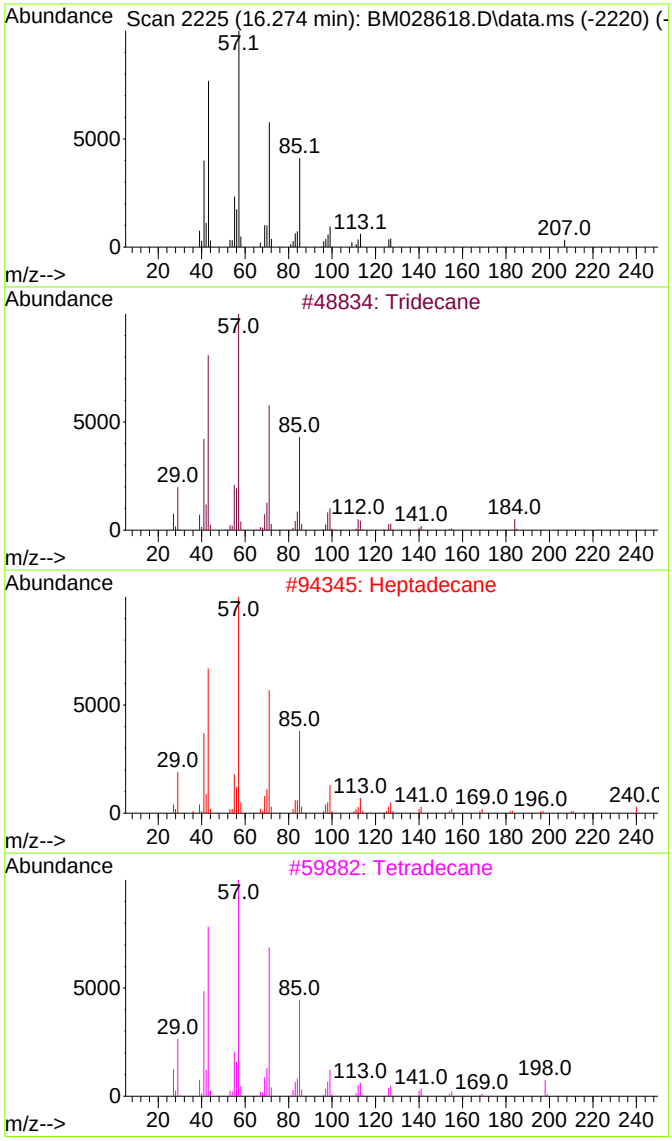
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

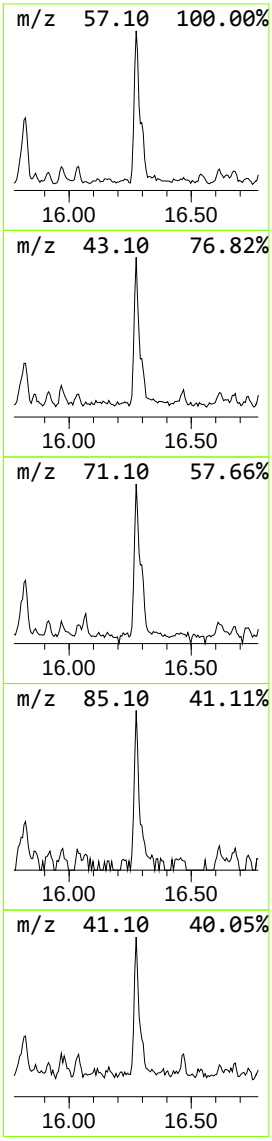
****

Peak Number 12 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.274	3.04 ng	51936	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Dodecane	170	C12H26	000112-40-3	90
5	Pentadecane	212	C15H32	000629-62-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012821

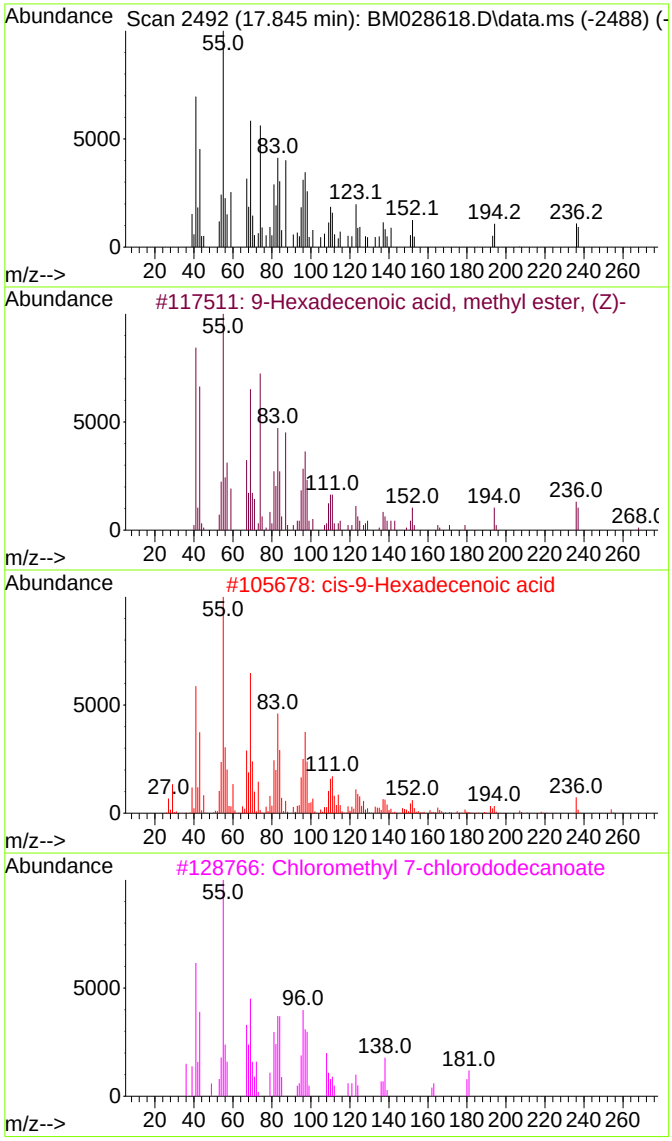
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

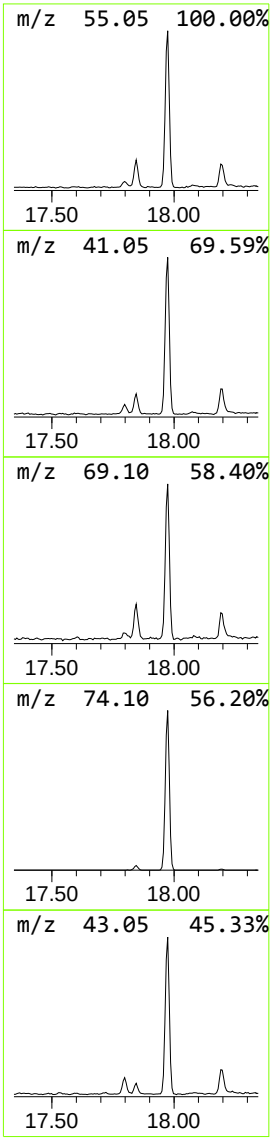
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9-Hexadecenoic acid, methyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.845	2.86 ng	48971	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	93
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	58
3	Chloromethyl 7-chlorododecanoate	282	C13H24Cl2O2	080419-03-0	53
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	52
5	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

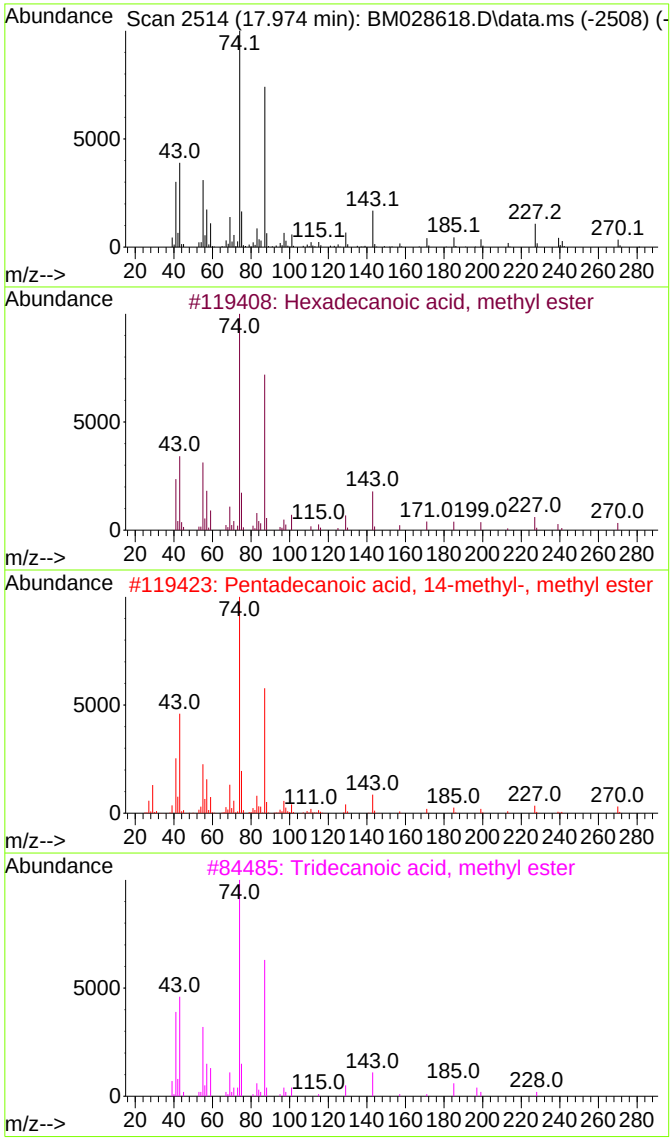
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

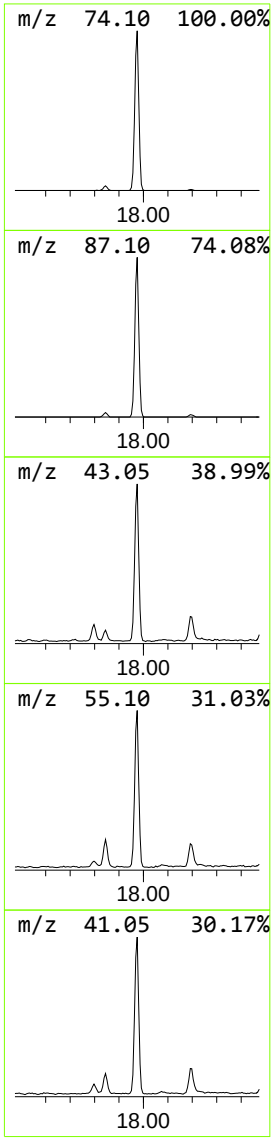
****

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	24.74 ng	423067	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

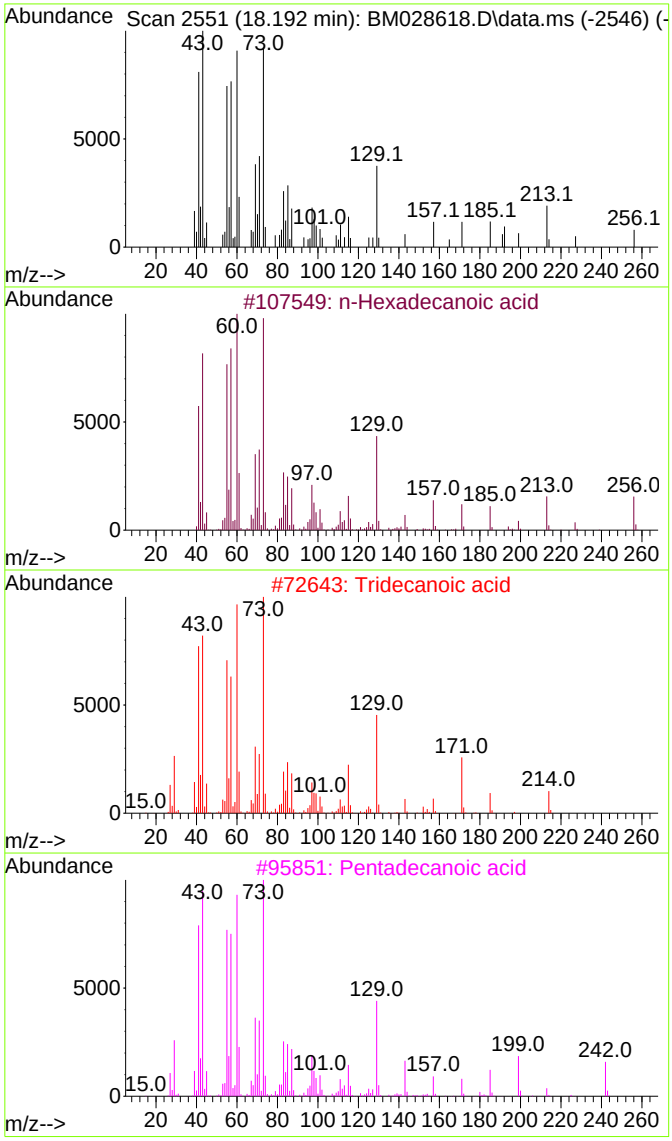
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

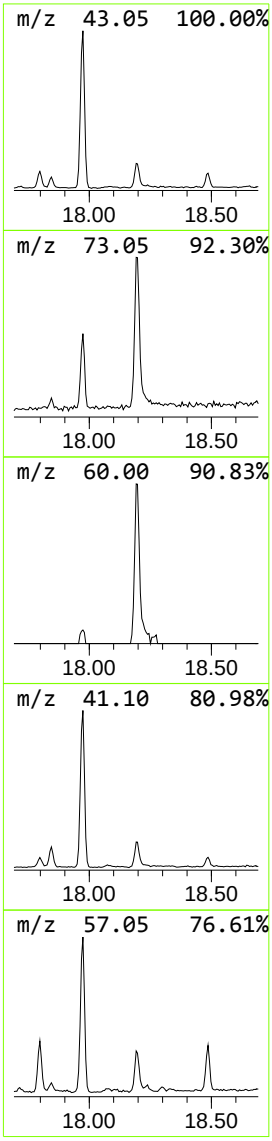
****

Peak Number 15 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	4.06 ng	69366	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-012821

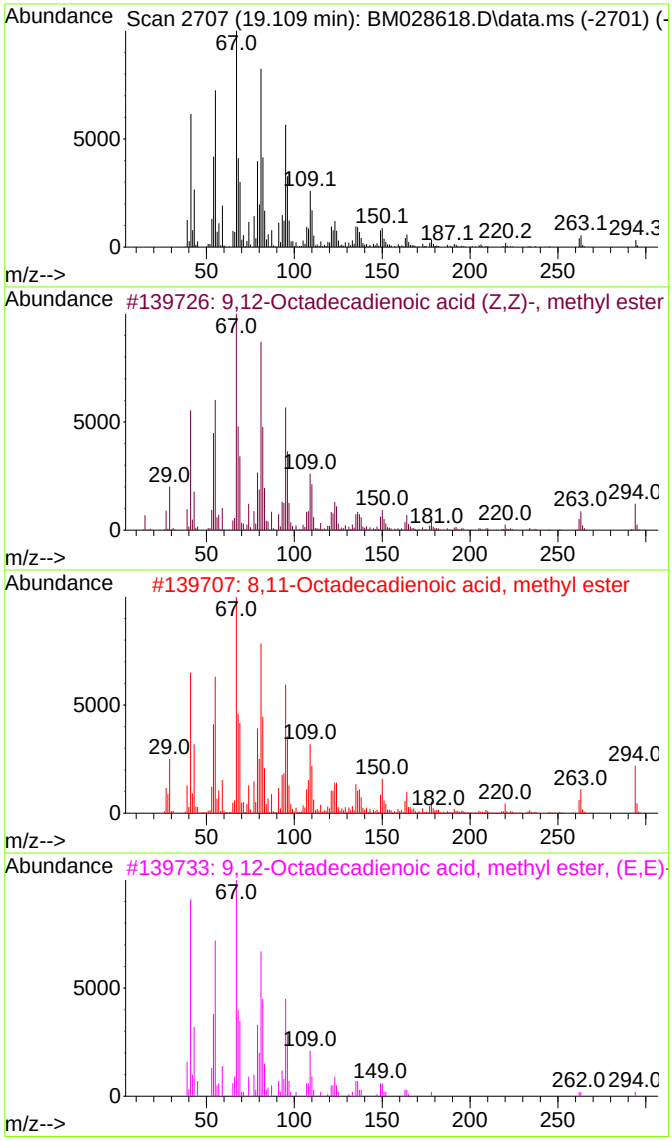
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

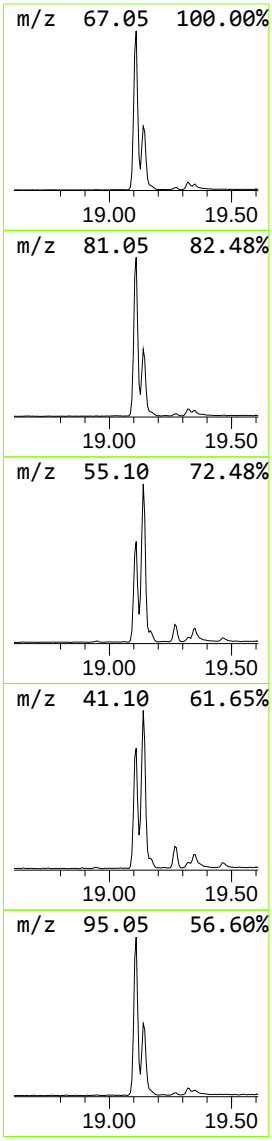
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid (... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.109	48.51 ng	829503	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012821

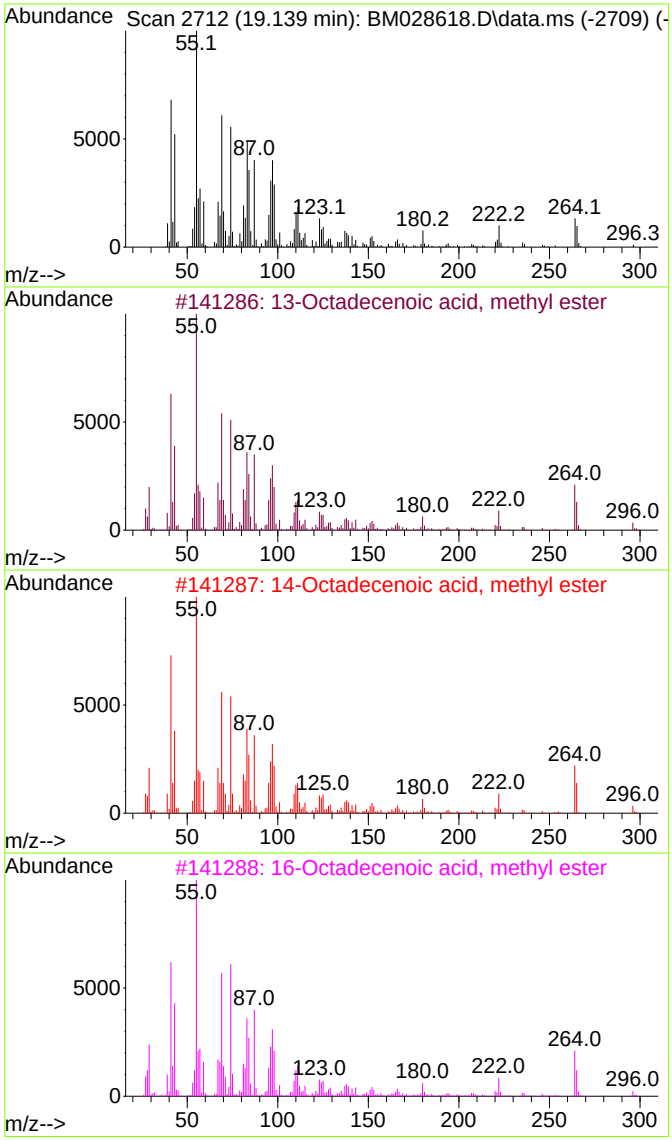
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

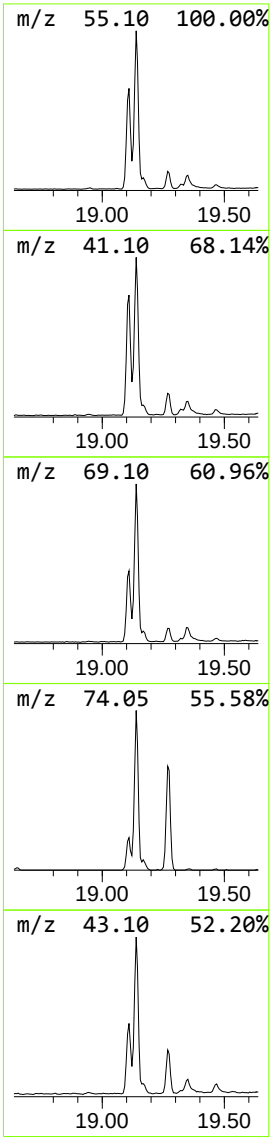
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 13-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	52.62 ng	899678	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

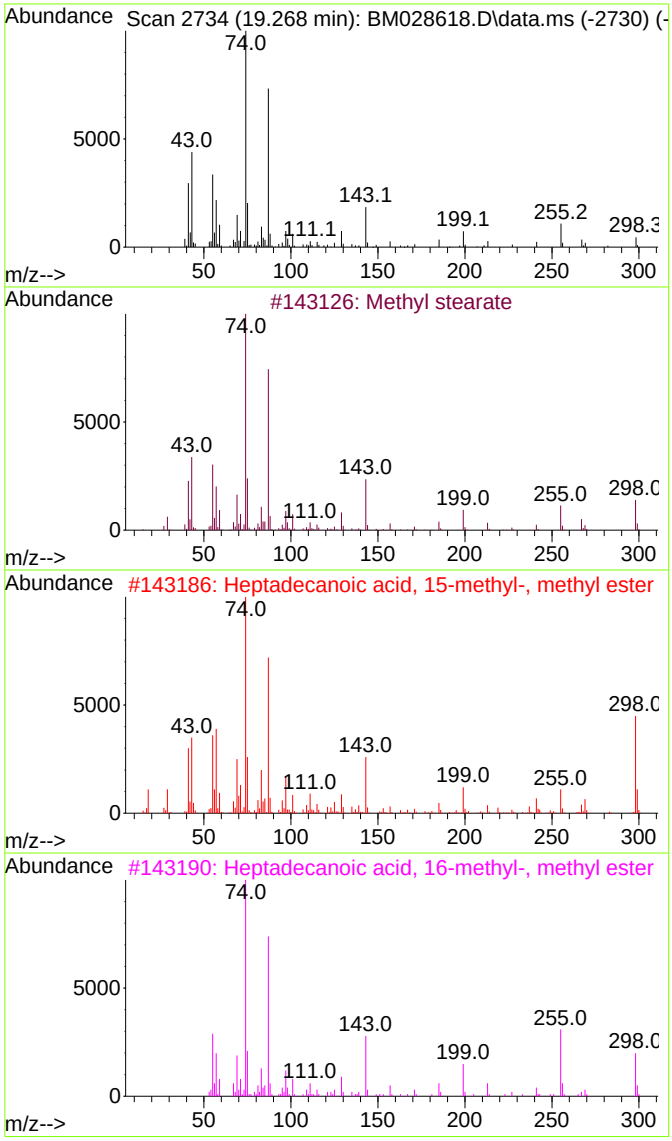
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

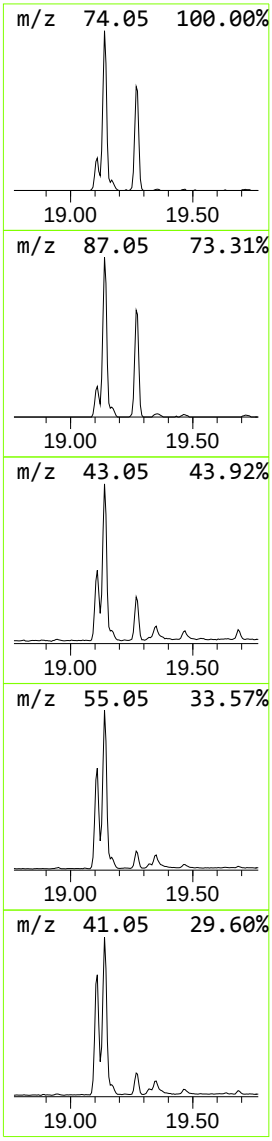
****

Peak Number 18 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.268	8.81 ng	150610	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

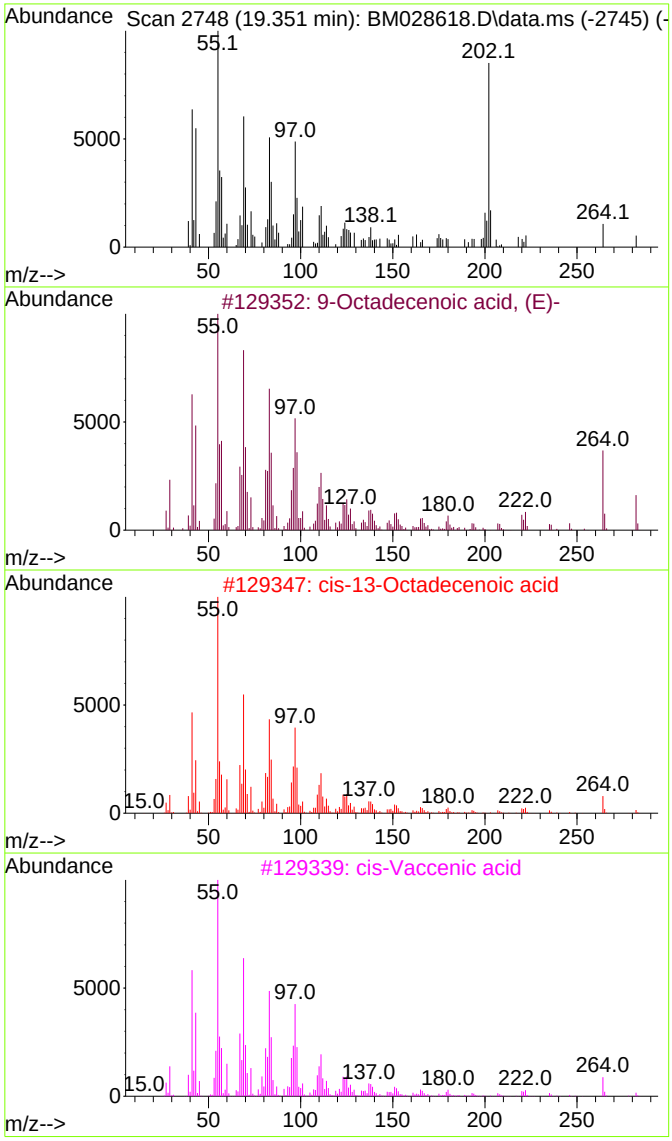
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

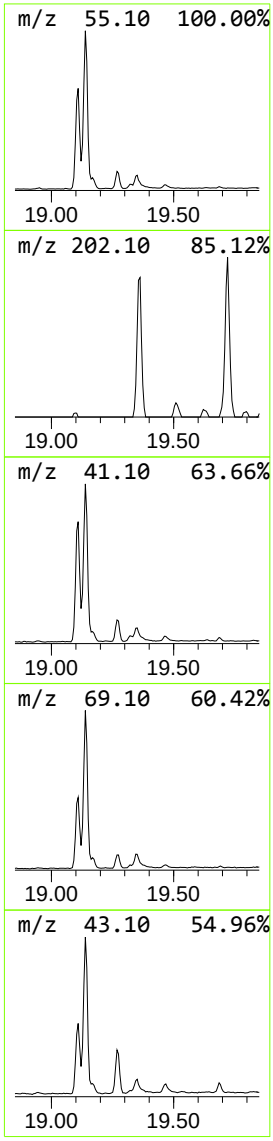
****

Peak Number 19 9-Octadecenoic acid, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.351	7.30 ng	124880	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	96
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	52
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	49
4	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	46
5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

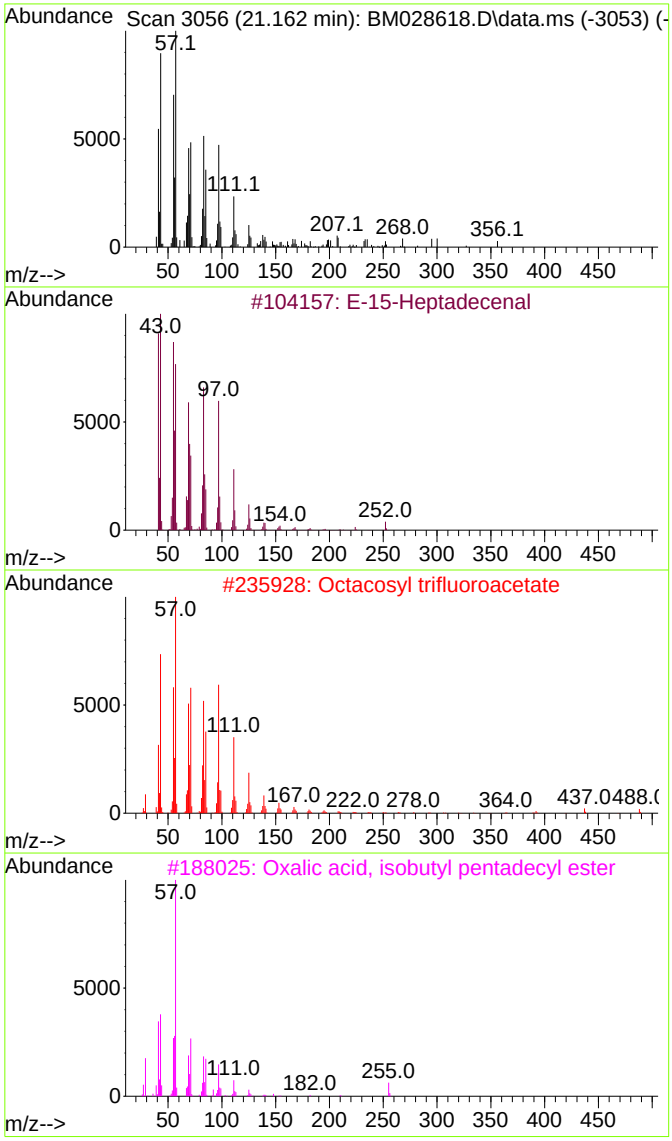
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

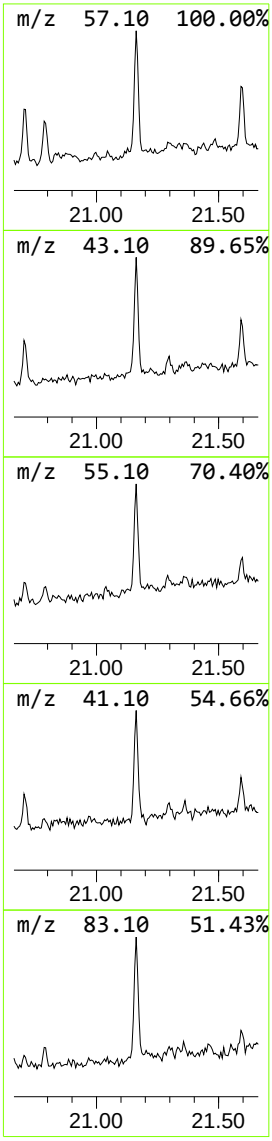
****

Peak Number 20 E-15-Heptadecenal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.162	2.95 ng	54881	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	83
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	83
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	83
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028618.D
Acq On : 29 Jan 2021 22:29
Operator : CG/JU
Sample : M1269-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-012821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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
Decane	7.540	3.6	ng	32894	1	7.934	185004	20.0
unknown10.151	10.151	3.5	ng	43606	2	10.745	247298	20.0
Undecane, 2,6-d...	10.886	3.9	ng	48229	2	10.745	247298	20.0
Silane, trichlo...	11.645	3.1	ng	38593	2	10.745	247298	20.0
Dodecane, 2,6,1...	11.745	5.6	ng	69431	2	10.745	247298	20.0
Hexadecane	12.151	14.7	ng	182315	2	10.745	247298	20.0
Dodecane, 2,7,1...	13.104	3.1	ng	51564	3	14.580	329488	20.0
Tetradecane	13.392	9.6	ng	158498	3	14.580	329488	20.0
Heptadecane, 2,...	14.051	3.6	ng	59020	3	14.580	329488	20.0
Pentadecane	14.469	6.3	ng	104684	3	14.580	329488	20.0
Tridecane	15.416	3.5	ng	57230	3	14.580	329488	20.0
Heptadecane	16.274	3.0	ng	51936	4	17.315	341969	20.0
9-Hexadecenoic ...	17.845	2.9	ng	48971	4	17.315	341969	20.0
Hexadecanoic ac...	17.974	24.7	ng	423067	4	17.315	341969	20.0
n-Hexadecanoic ...	18.192	4.1	ng	69366	4	17.315	341969	20.0
9,12-Octadecadi...	19.109	48.5	ng	829503	4	17.315	341969	20.0
13-Octadecenoic...	19.139	52.6	ng	899678	4	17.315	341969	20.0
Methyl stearate	19.268	8.8	ng	150610	4	17.315	341969	20.0
9-Octadecenoic ...	19.351	7.3	ng	124880	4	17.315	341969	20.0
E-15-Heptadecenal	21.162	3.0	ng	54881	5	21.462	371735	20.0