LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134670.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	15	19	23	rBV	61055	77880	1.92%	0.215%
2	3.534	234	246	253	rBV	38383	81642	2.01%	0.225%
3	3.675	261	270	275	rBV	33335	53829	1.32%	0.148%
4	3.751	277	283	288	rBV	26756	44074	1.08%	0.122%
5	3.869	296	303	304	rBV4	28035	45716	1.12%	0.126%
6	3.893	304	307	310	rVB	40734	51002	1.25%	0.141%
7	4.004	318	326	332	rVB	71882	112258	2.76%	0.310%
8	4.151	340	351	356	rBV2	84312	120956	2.97%	0.334%
9	4.775	453	457	461	rBV	51263	49284	1.21%	0.136%
10	4.881	471	475	480	rVB	77545	80649	1.98%	0.222%
11	4.963	484	489	497	rVB	132143	177238	4.36%	0.489%
12	5.040	497	502	509	rBV2	113877	170956	4.20%	0.471%
13	5.228	530	534	537	rBV2	127456	138108	3.40%	0.381%
14	5.269	537	541	544	rVB3	47144	75171	1.85%	0.207%
15	5.316	544	549	551	rBV	189930	192222	4.73%	0.530%
16	5.334	551	552	555	rVB	78828	60663	1.49%	0.167%
17	5.434	562	569	572	rVB	3983405	4065760	100.00%	11.213%
18	5.481	572	577	579	rVB	54473	43803	1.08%	0.121%
19	5.545	585	588	591	rVB	64728	55073	1.35%	0.152%
20	5.587	591	595	600	rVV2	58506	96899	2.38%	0.267%
21	5.628	600	602	605	rVB	71013	56687	1.39%	0.156%
22	5.669	605	609	610	rBV	52062	60990	1.50%	0.168%
23	5.681	610	611	616	rVB	66728	57582	1.42%	0.159%
24	5.822	631	635	636	rBV2	75793	92408	2.27%	0.255%
25	5.881	640	645	647	rBV2	110655	157967	3.89%	0.436%
26	5.957	656	658	662	rVB2	169083	157630	3.88%	0.435%
27	6.010	662	667	670	rBV	94755	103317	2.54%	0.285%
28	6.057	671	675	681	rVV2	286522	328279	8.07%	0.905%
29	6.110	681	684	686	rVB2	98368	100438	2.47%	0.277%
30	6.245	701	707	710	rBV2	191797	242266	5.96%	0.668%
31	6.298	710	716	720	rVV3	399723	519745	12.78%	1.433%
32	6.334	720	722	724	rVV	158095	133241	3.28%	0.367%
33	6.357	724	726	729	rVB3	72010	62973	1.55%	0.174%
34	6.392	729	732	735	rBV	192035	168894	4.15%	0.466%
35	6.440	735	740	744	rVB	3491296	3910116	96.17%	10.784%
36	6.487	744	748	753	rVB3	61176	123273	3.03%	0.340%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

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_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.545	753	758	761	rBV3	77641	117972	2.90%	0.325%
38	6.575	761	763	769	rVB4	87942	144591	3.56%	0.399%
39	6.628	769	772	776	rBV	150914	164510	4.05%	0.454%
40	6.740	786	791	793	rBV2	78572	94963	2.34%	0.262%
41	6.798	797	801	807	rVB2	1434516	1538675	37.84%	4.244%
42	6.857	807	811	814	rBV	107974	124623	3.07%	0.344%
43	6.887	814	816	819	rVV3	52457	52951	1.30%	0.146%
44	6.922	819	822	824	rVV2	190199	216410	5.32%	0.597%
45	6.945	824	826	830	rVB2	165186	144507	3.55%	0.399%
46	7.028	837	840	842	rBV2	49271	56255	1.38%	0.155%
47	7.051	842	844	845	rVV2	101791	76626	1.88%	0.211%
48	7.075	845	848	851	rVB	244869	219319	5.39%	0.605%
49	7.140	857	859	863	rVB	178361	149593	3.68%	0.413%
50	7.187	864	867	871	rVV2	97495	104632	2.57%	0.289%
51	7.234	871	875	880	rVB3	82083	113925	2.80%	0.314%
52	7.363	885	897	900	rBV	2536835	2709046	66.63%	7.471%
53	7.439	906	910	914	rBV3	116927	154314	3.80%	0.426%
54	7.504	914	921	926	rBV6	84073	196355	4.83%	0.542%
55	7.551	926	929	930	rVV	109193	106941	2.63%	0.295%
56	7.569	930	932	935	rVV3	160350	181606	4.47%	0.501%
57	7.604	935	938	941	rVB2	69286	62931	1.55%	0.174%
58	7.681	947	951	955	rBV3	177529	211422	5.20%	0.583%
59	7.728	955	959	962	rVV5	97693	133925	3.29%	0.369%
60	7.763	962	965	968	rVV3	160978	176270	4.34%	0.486%
61	7.816	972	974	978	rVV5	80132	124712	3.07%	0.344%
62	7.851	978	980	982	rVV	116243	95908	2.36%	0.265%
63	7.898	985	988	992	rVV2	116710	103943	2.56%	0.287%
64	7.951	992	997	1000	rVB	194437	187818	4.62%	0.518%
65	8.022	1006	1009	1010	rBV2	45157	43072	1.06%	0.119%
66	8.081	1013	1019	1024	rVV	1683211	1875329	46.12%	5.172%
67	8.122	1024	1026	1028	rVV	137916	135569	3.33%	0.374%
68	8.139	1028	1029	1031	rVV	102111	72442	1.78%	0.200%
69	8.169	1031	1034	1037	rVB	176942	136720	3.36%	0.377%
70	8.334	1060	1062	1064	rBV2	46653	43509	1.07%	0.120%
71	8.357	1064	1066	1067	rVV	75406	61728	1.52%	0.170%
72	8.375	1067	1069	1071	rVB2	58829	54542	1.34%	0.150%
73	8.428	1076	1078	1081	rVB3	47355	42908	1.06%	0.118%
74	8.463	1081	1084	1086	rBV	135288	109304	2.69%	0.301%
75	8.504	1086	1091	1093	rBV2	74076	86538	2.13%	0.239%
76	8.545	1095	1098	1101	rVB	108977	89659	2.21%	0.247%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

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_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	8.592	1102	1106	1110	rVB4	51581	83519	2.05%	0.230%
78	8.639	1110	1114	1116	rVB2	83175	80875	1.99%	0.223%
79	8.669	1116	1119	1121	rBV2	49802	53890	1.33%	0.149%
80	8.769	1132	1136	1139	rVB4	51064	59803	1.47%	0.165%
81	9.157	1197	1202	1205	rBV	4259669	3655862	89.92%	10.083%
82	9.275	1219	1222	1224	rBV	89830	70117	1.72%	0.193%
83	9.428	1241	1248	1252	rBV2	60597	92072	2.26%	0.254%
84	9.492	1256	1259	1261	rVV	54461	42483	1.04%	0.117%
85	9.833	1313	1317	1320	rBV	1739152	1332140	32.76%	3.674%
86	10.151	1365	1371	1374	rBV2	44625	61535	1.51%	0.170%
87	10.622	1447	1451	1454	rBV	2275133	1885906	46.39%	5.201%
88	11.322	1566	1570	1573	rBV	1425168	1195944	29.42%	3.298%
89	11.392	1577	1582	1585	rVV4	56350	54258	1.33%	0.150%
90	11.857	1658	1661	1667	rBV	173901	187465	4.61%	0.517%
91	12.921	1837	1842	1845	rBV	3088213	2968503	73.01%	8.187%
92	13.827	1993	1996	2003	rBV2	128332	206516	5.08%	0.570%
93	13.974	2017	2021	2024	rBV	965814	947205	23.30%	2.612%
94	15.445	2267	2271	2278	rVB	559725	695342	17.10%	1.918%

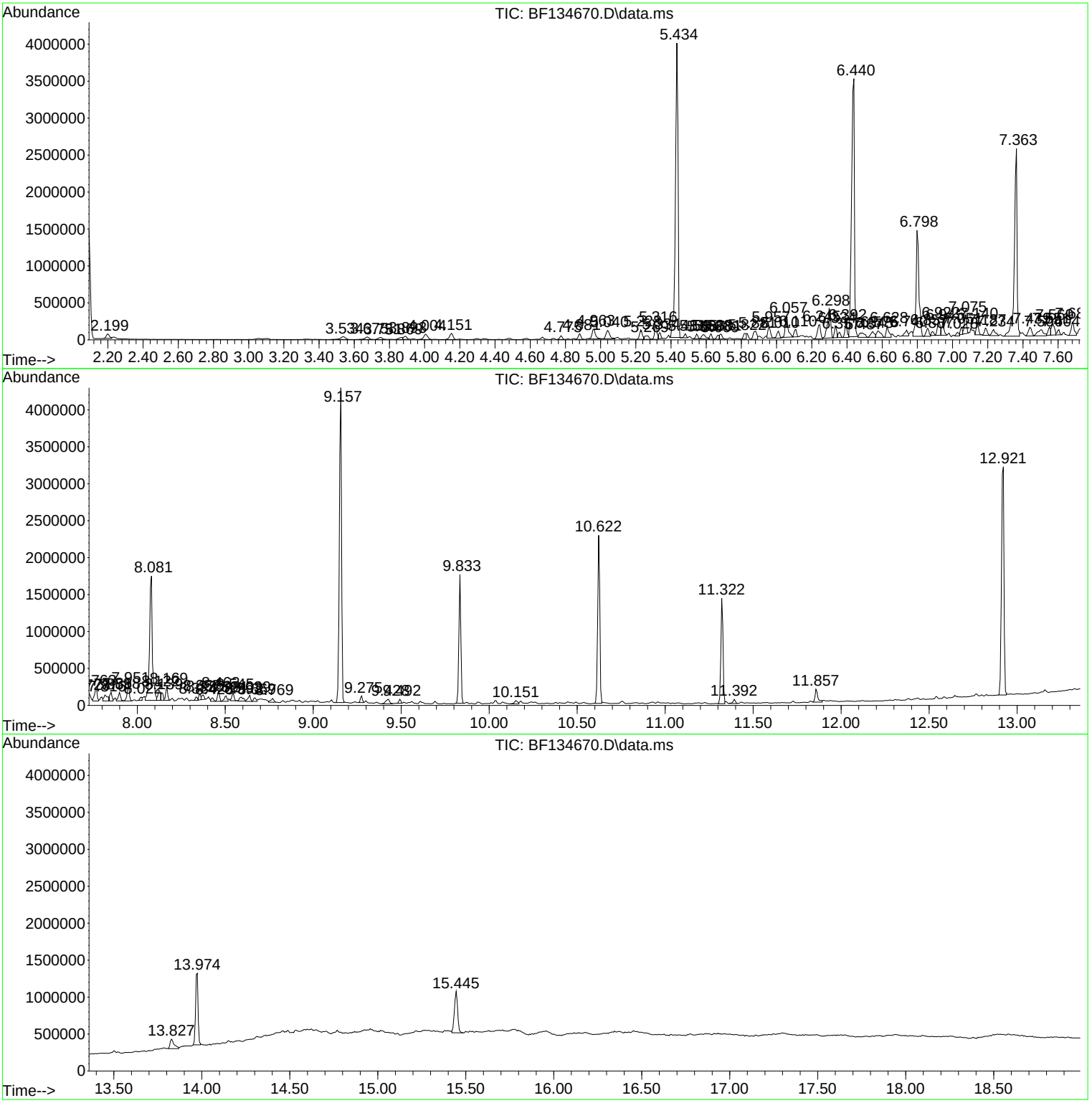
Sum of corrected areas: 36258487

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

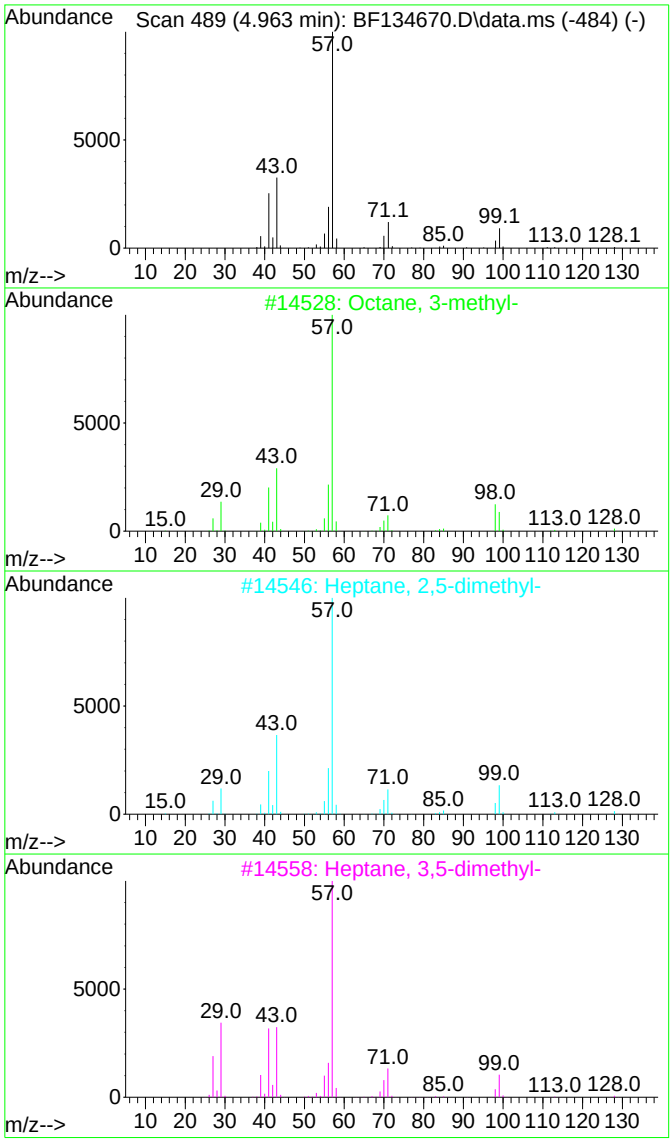
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

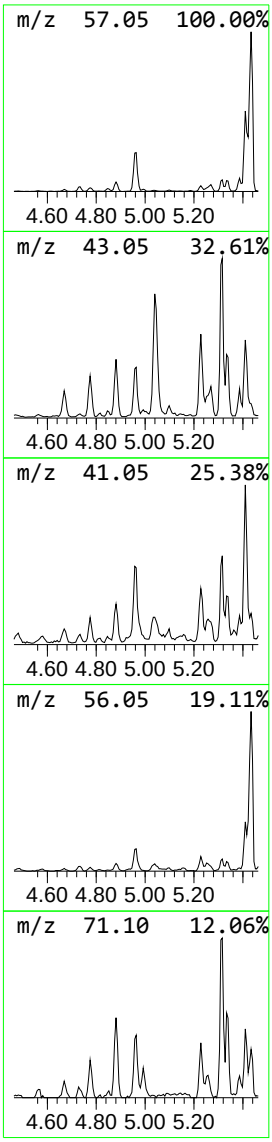
****

Peak Number 1 Octane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	2.30 ng	177238	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	83
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	83
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	64
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

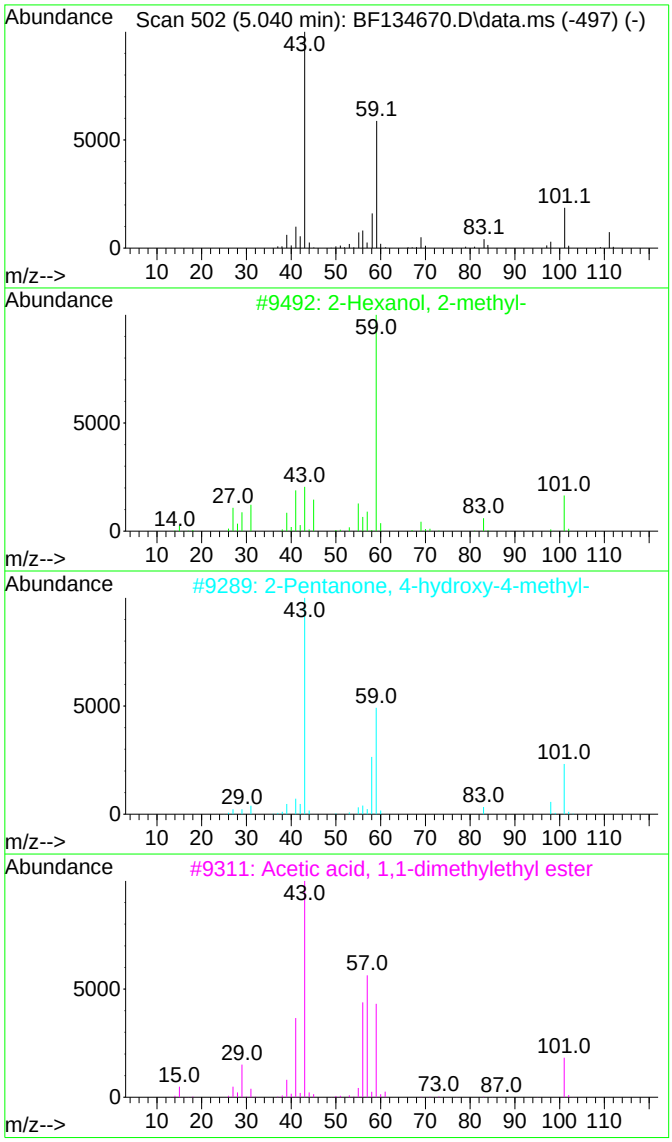
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

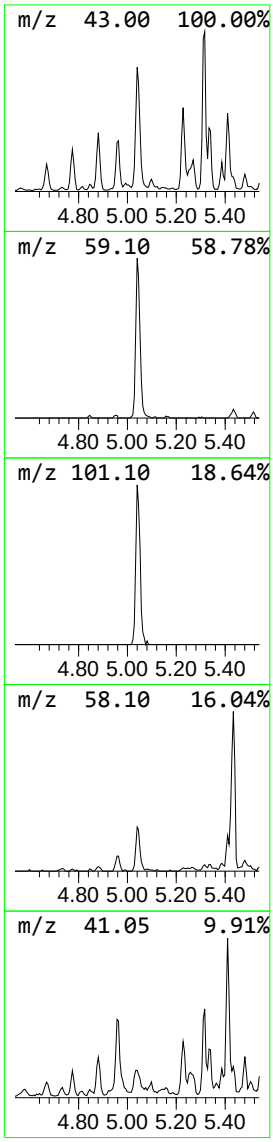
****

Peak Number 2 unknown5.040 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.040	2.22 ng	170956	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	47
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	2-Pentanone, 5-(2-propynyloxy)-	140	C8H12O2	055702-70-0	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

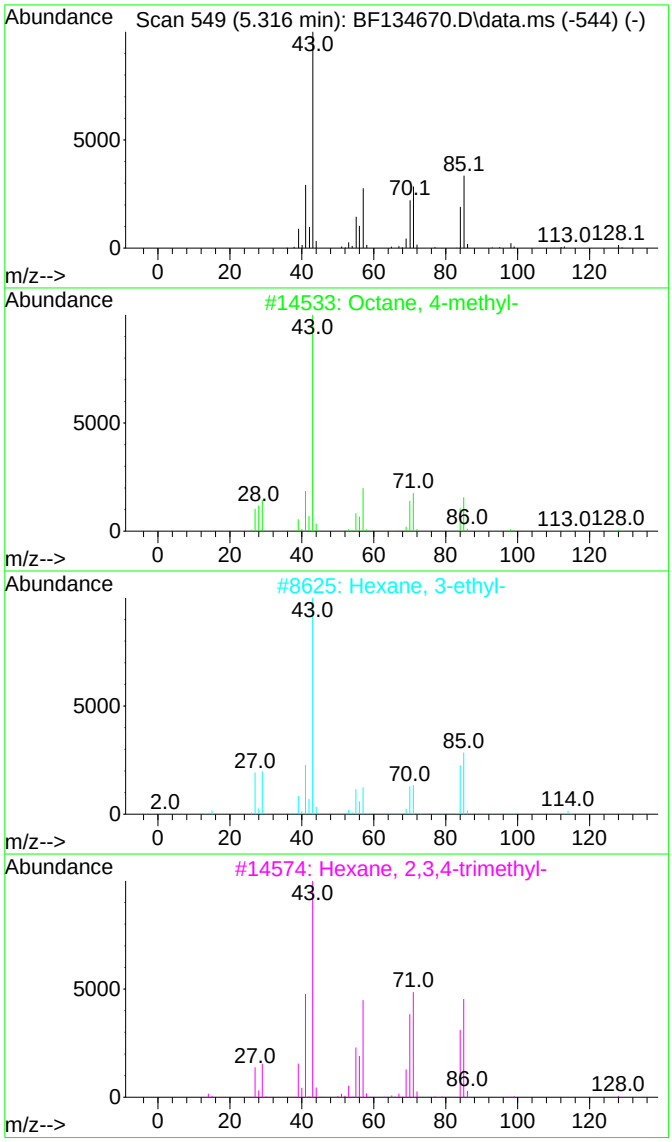
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

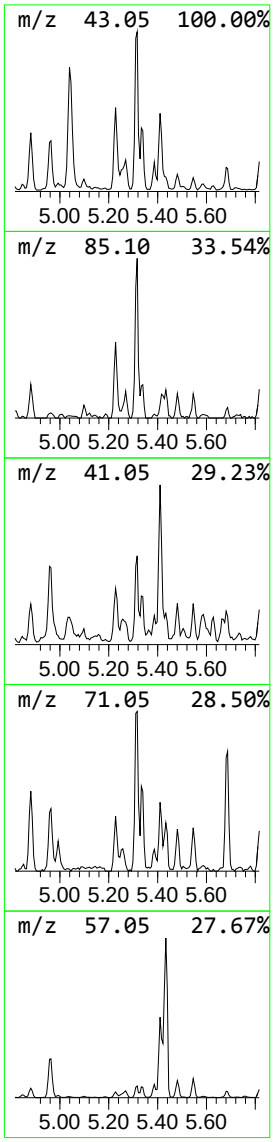
****

Peak Number 3 Octane, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.316	2.50 ng	192222	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	91
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	80
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

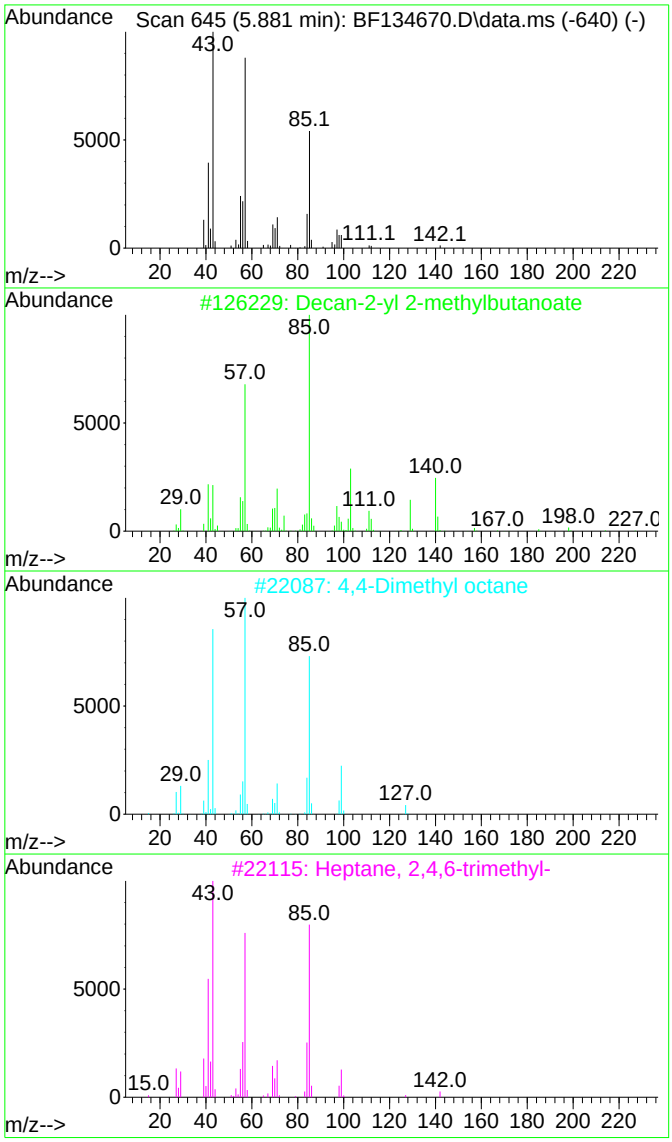
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

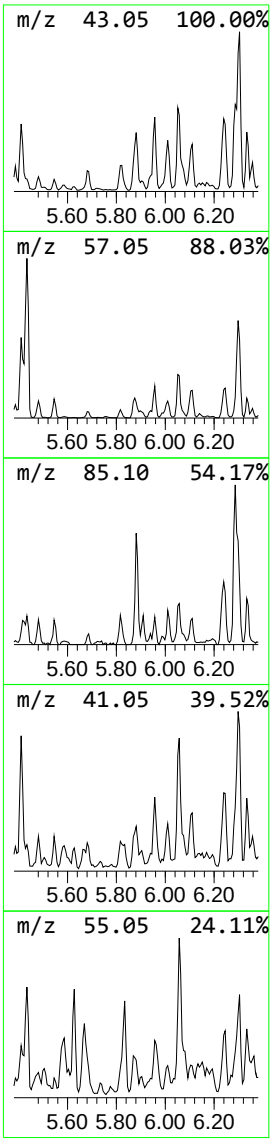
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Decan-2-yl 2-methylbutanoate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.881	2.05 ng	157967	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decan-2-yl 2-methylbutanoate	242	C15H30O2	1000372-72-7	72
2	4,4-Dimethyl octane	142	C10H22	015869-95-1	64
3	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	58
4	Tridecane, 5-methyl-	198	C14H30	025117-31-1	53
5	Butanoic acid, 2-methyl-, hexyl ...	186	C11H22O2	010032-15-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

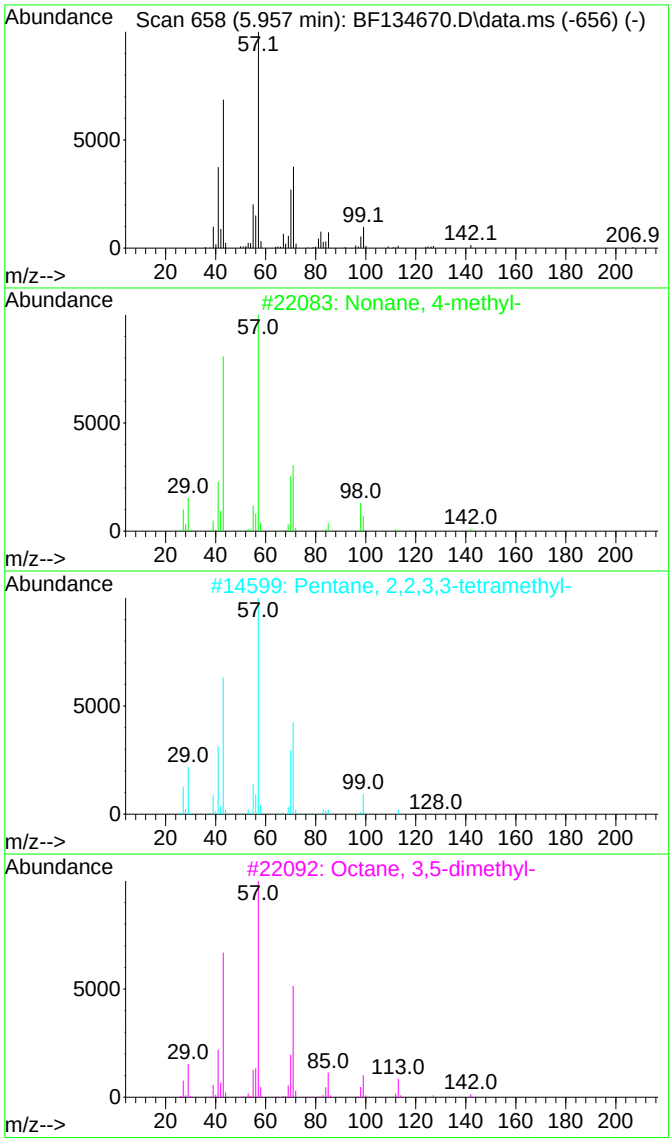
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

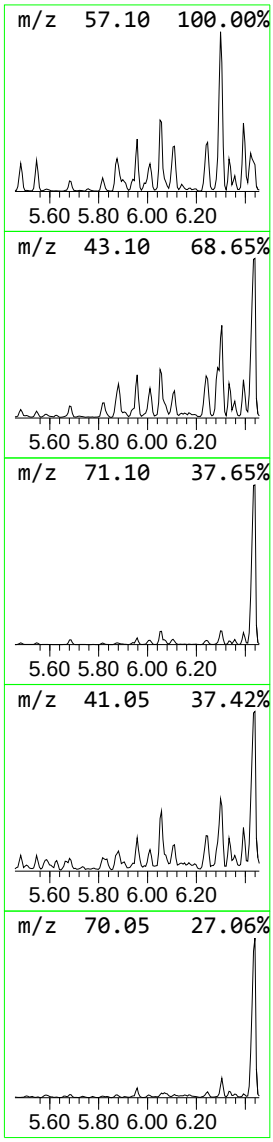
****

Peak Number 5 Nonane, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.957	2.05 ng	157630	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	86
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	68
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

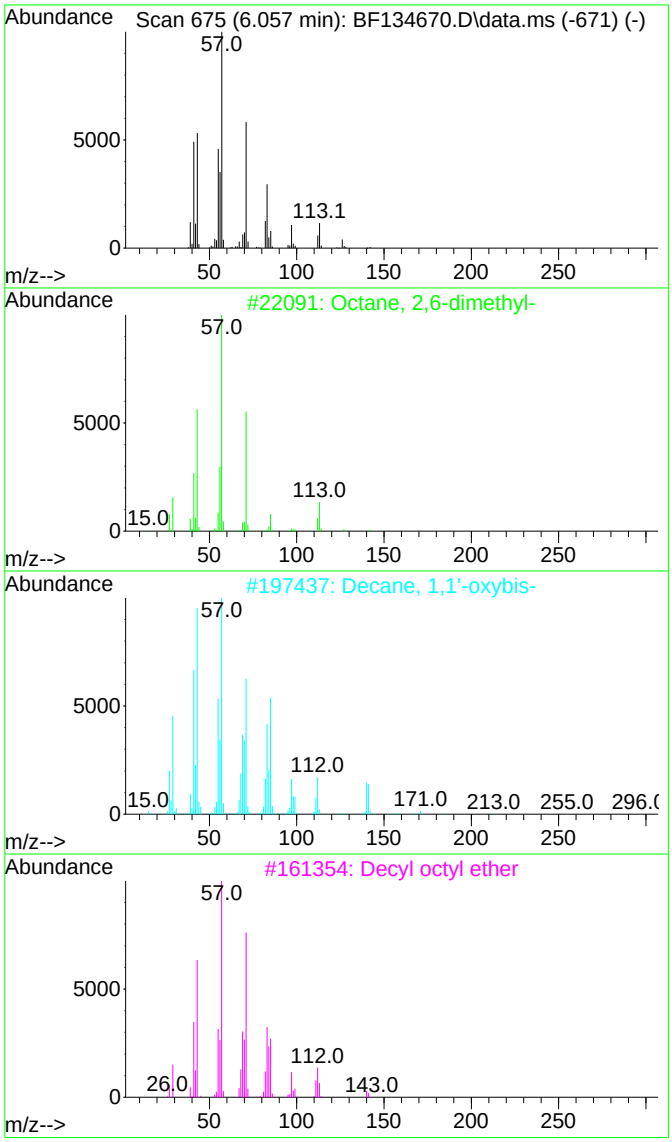
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

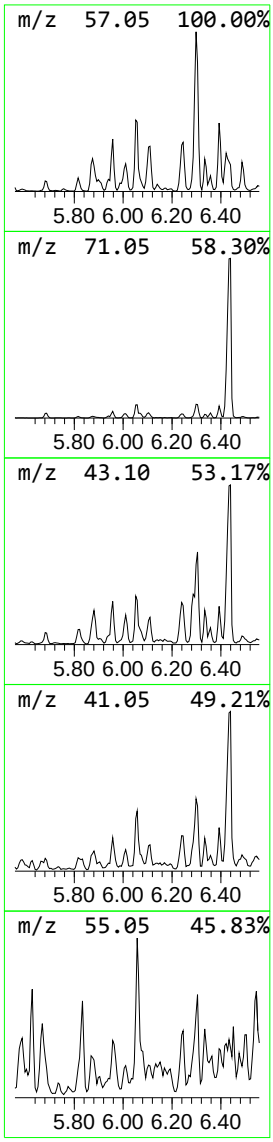
****

Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.057	4.27 ng	328279	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	68
2	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	64
3	Decyl octyl ether	270	C18H38O	1000406-38-3	59
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

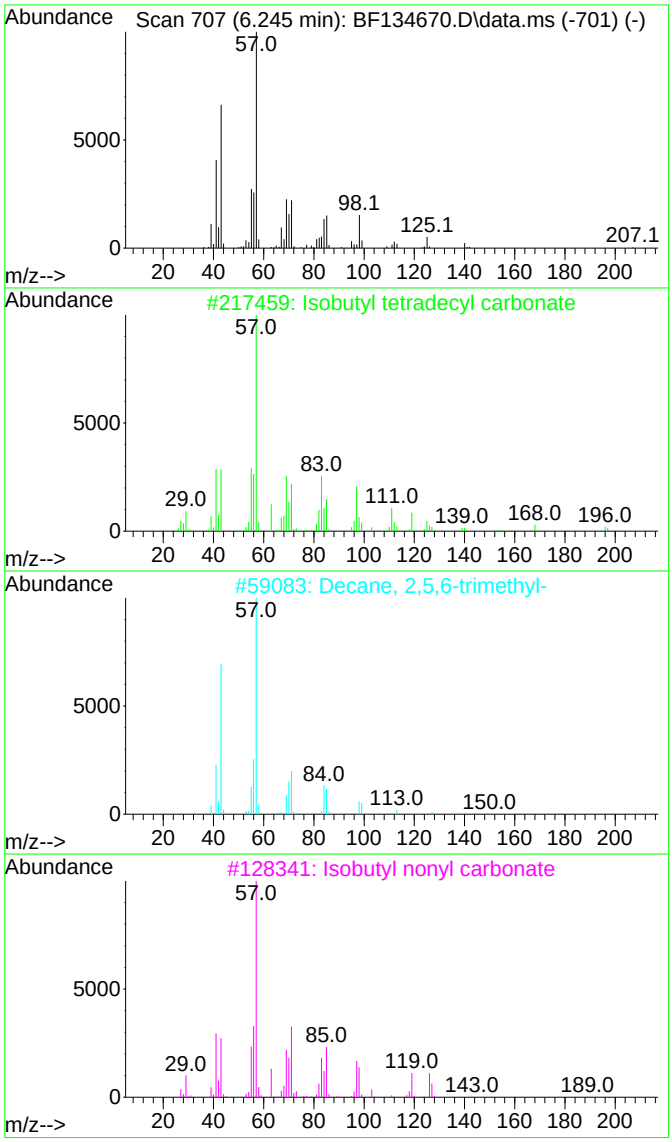
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

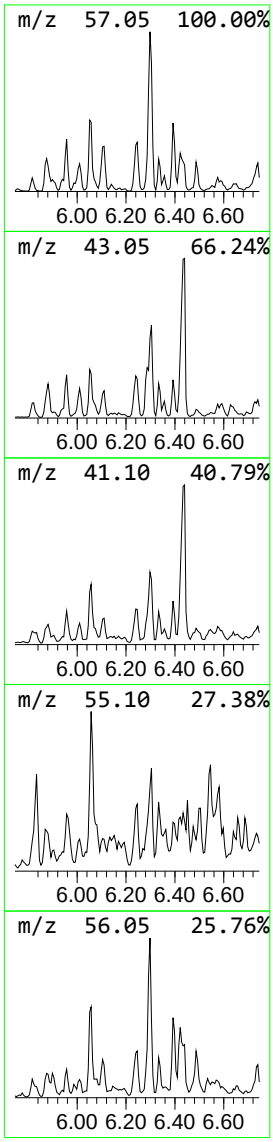
****

Peak Number 7 Isobutyl tetradecyl carbonate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.245	3.15 ng	242266	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	72
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
3	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	59
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

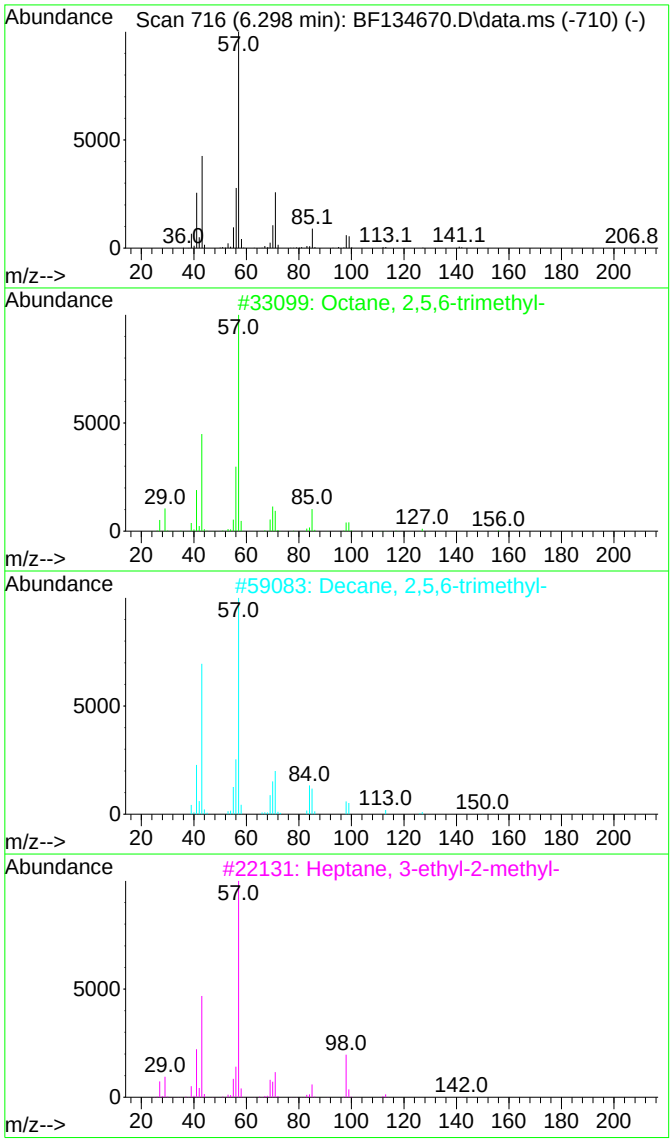
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

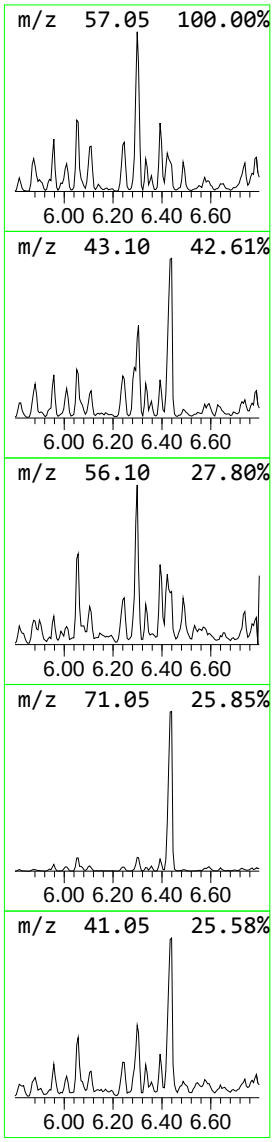
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Octane, 2,5,6-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.298	6.76 ng	519745	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
4	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

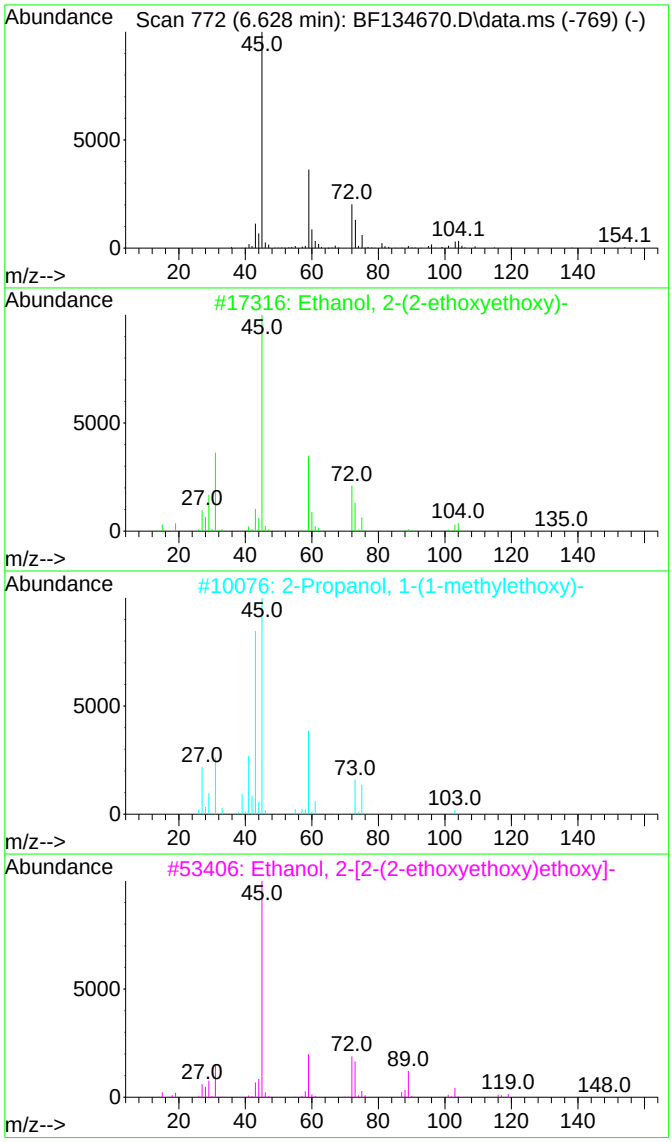
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

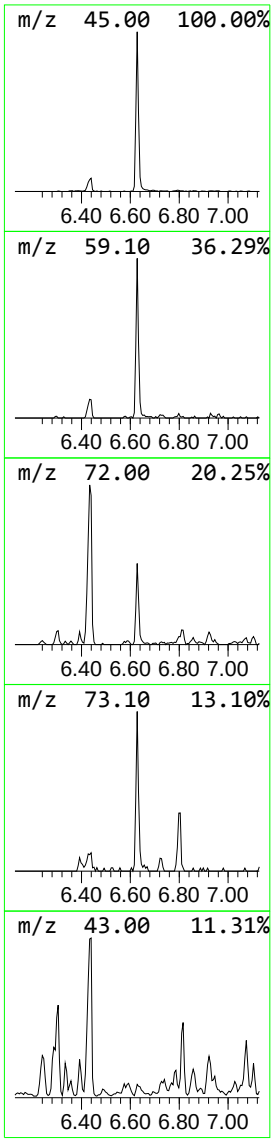
****

Peak Number 9 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.628	2.14 ng	164510	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	39
4	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	38
5	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

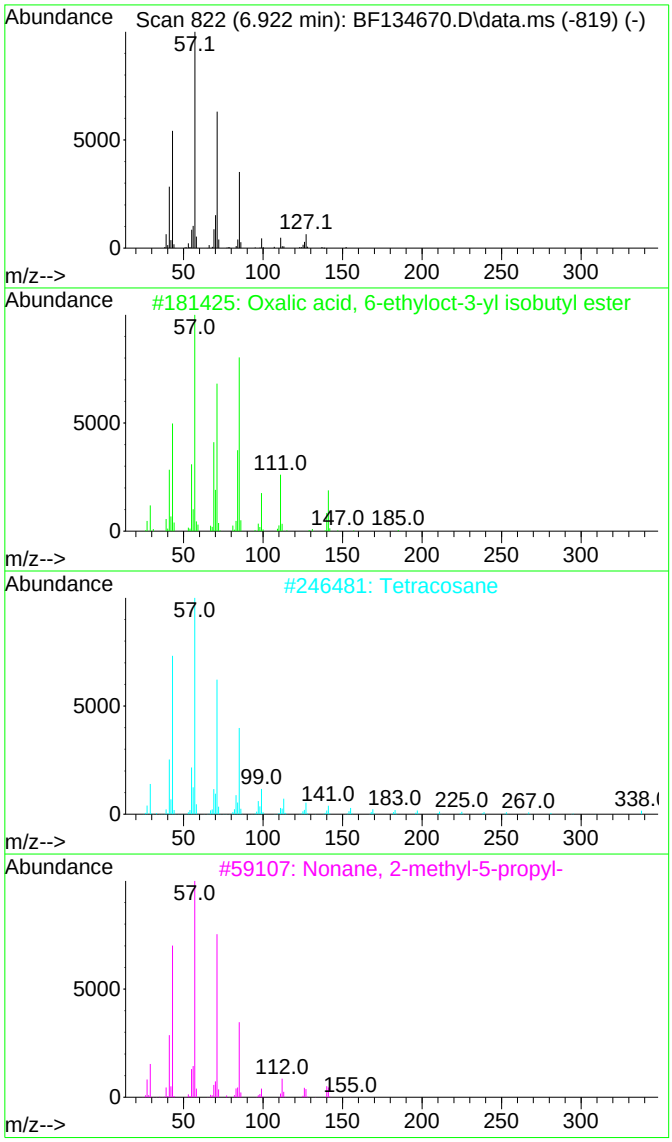
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

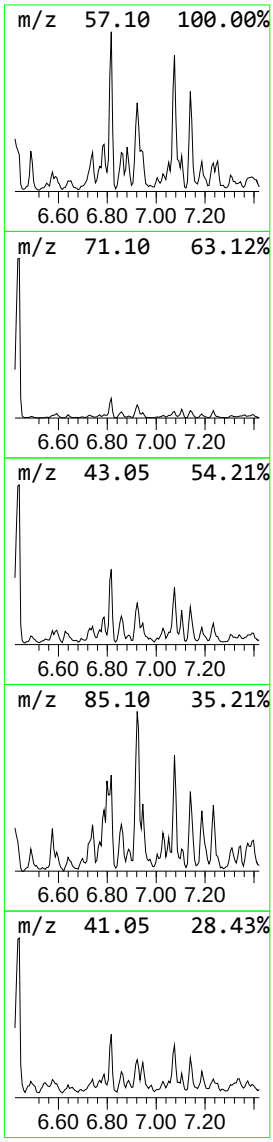
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	2.81 ng	216410	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	78
2	Tetracosane	338	C24H50	000646-31-1	78
3	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

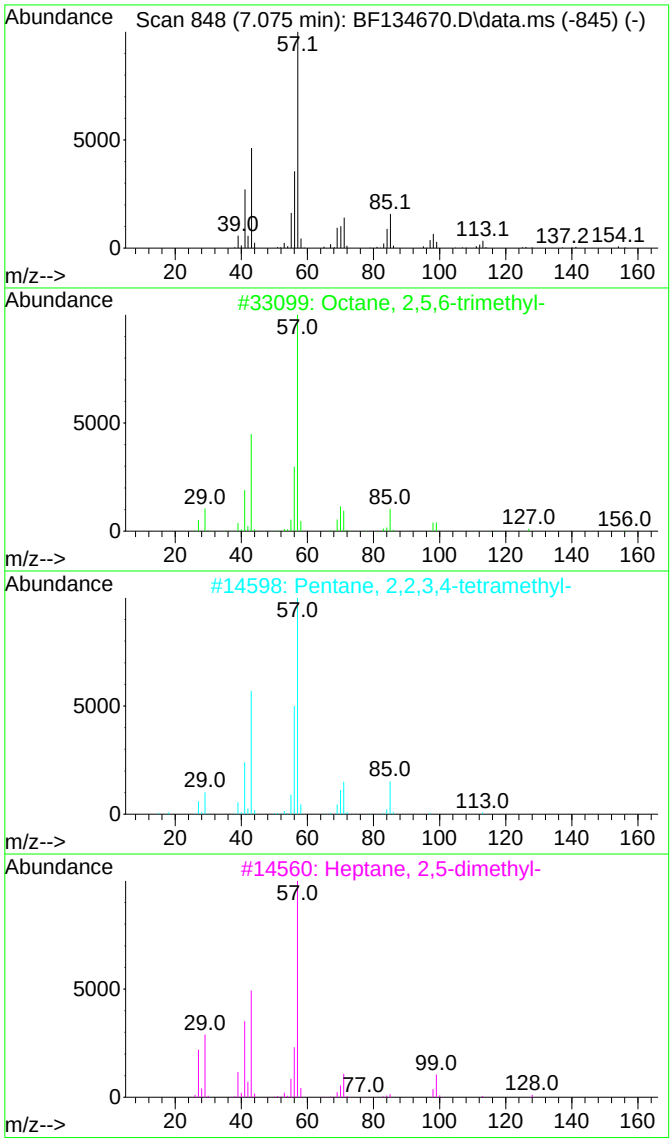
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

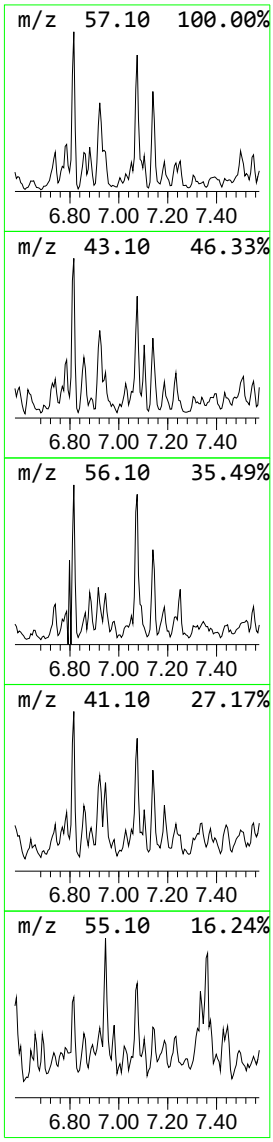
****

Peak Number 11 Pentane, 2,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.075	2.85 ng	219319	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	80
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	53
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
5	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

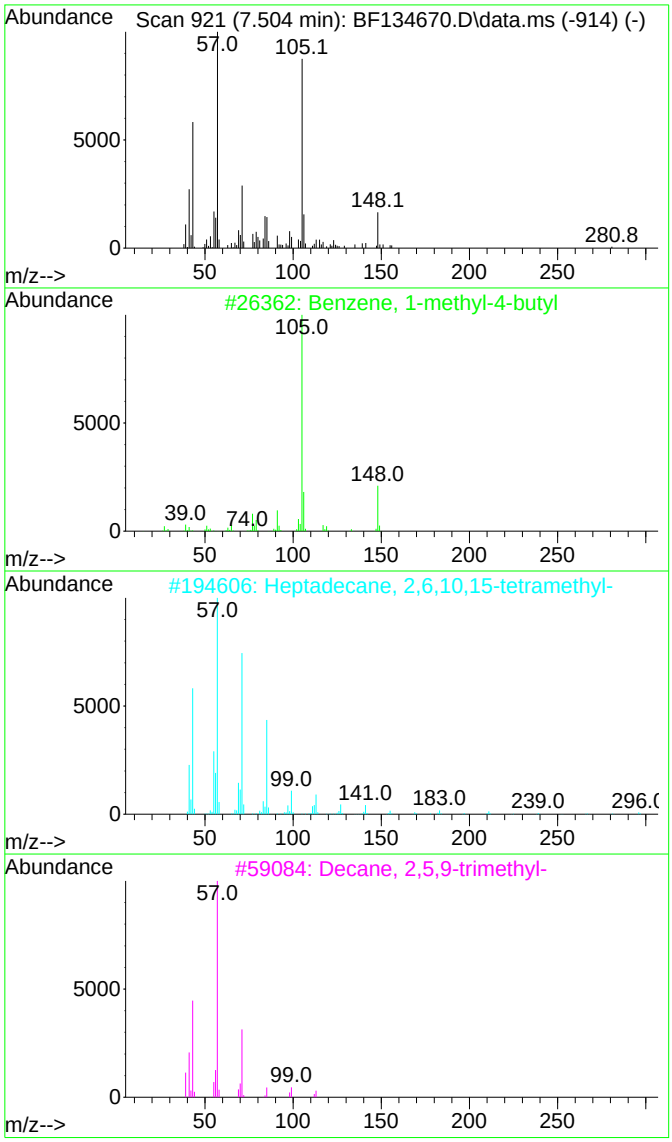
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

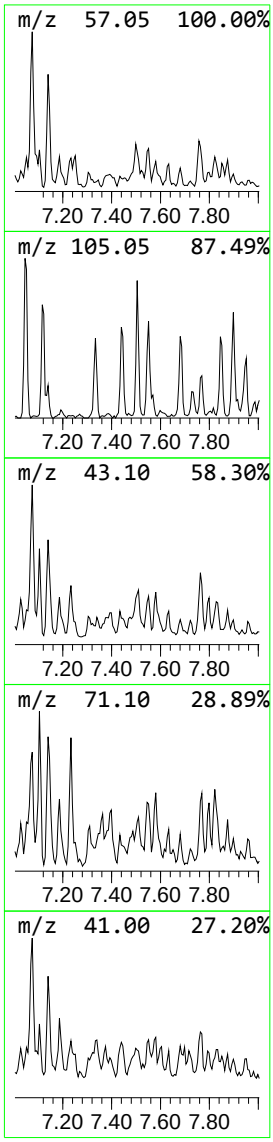
****

Peak Number 12 unknown7.504 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.504	2.09 ng	196355	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	38
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	35
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	35
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	35
5	Octane, 2-methyl-	128	C9H20	003221-61-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

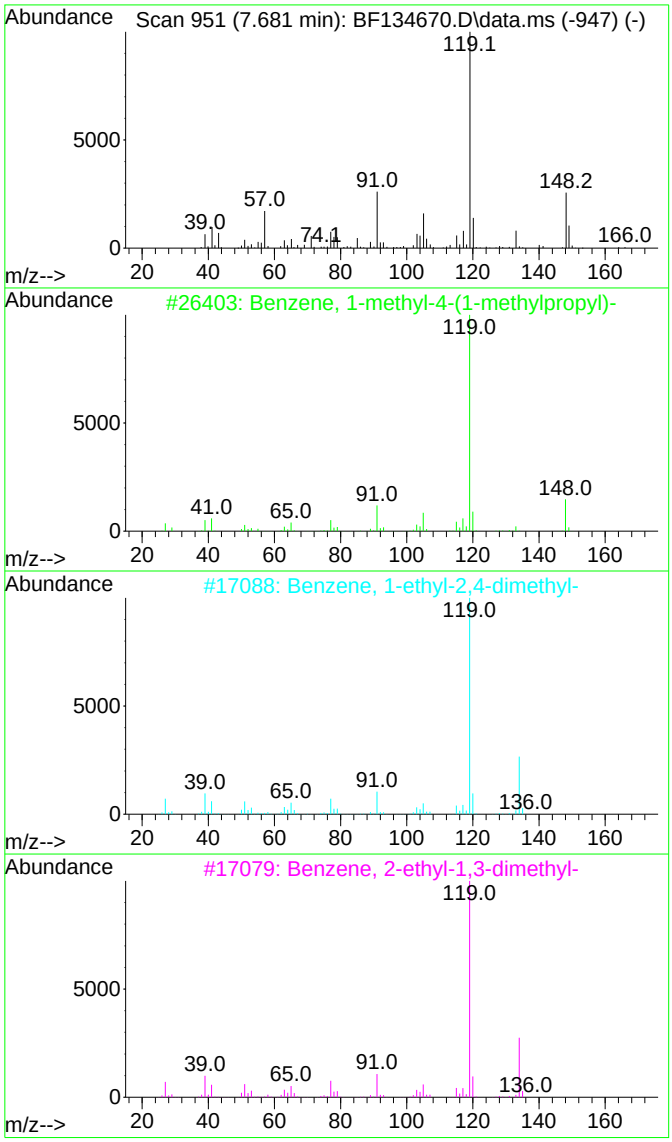
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

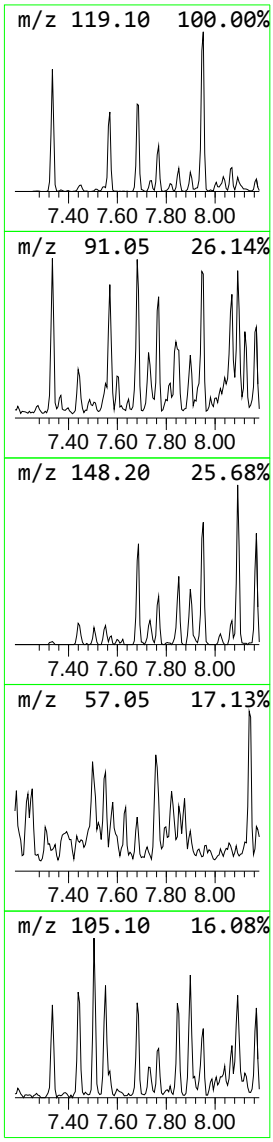
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-4-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.681	2.25 ng	211422	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

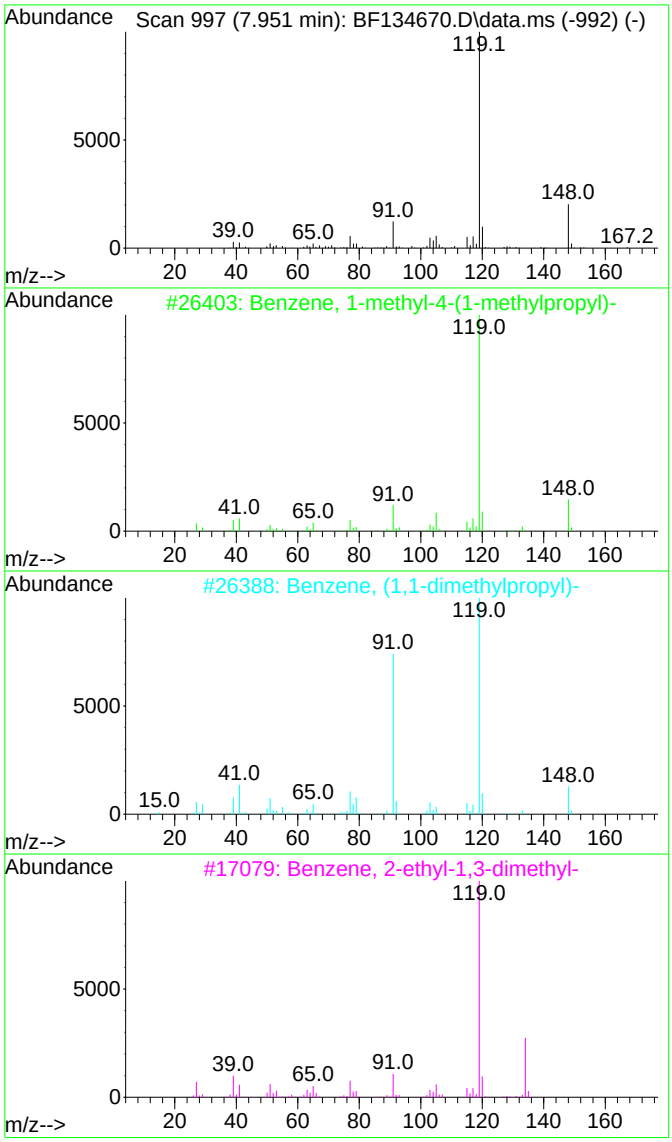
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

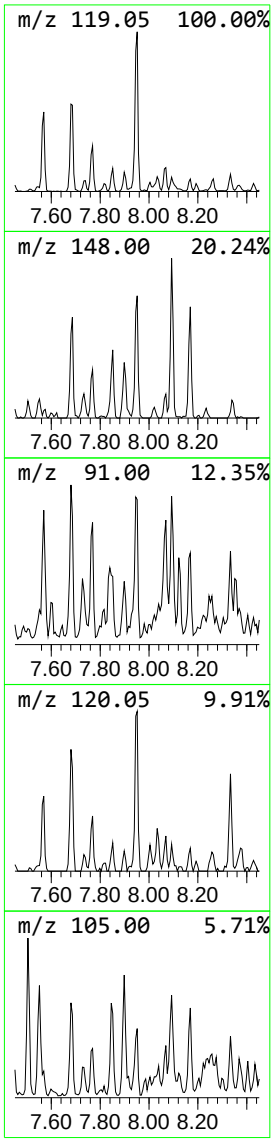
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (1,1-dimethylpropyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.951	2.00 ng	187818	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	80
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

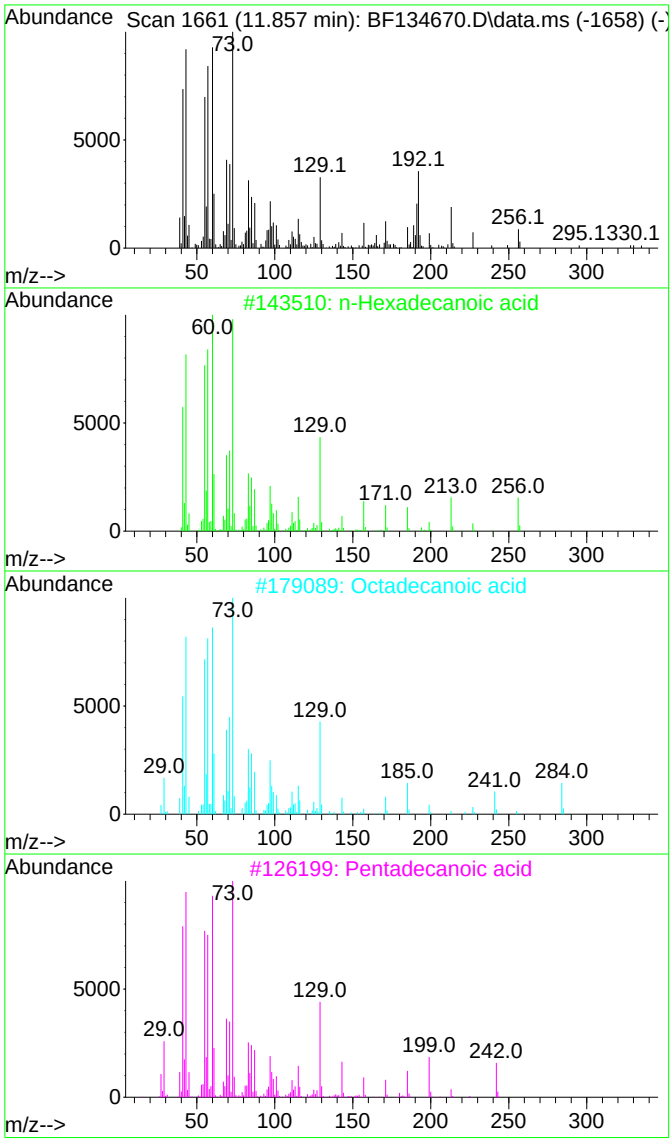
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

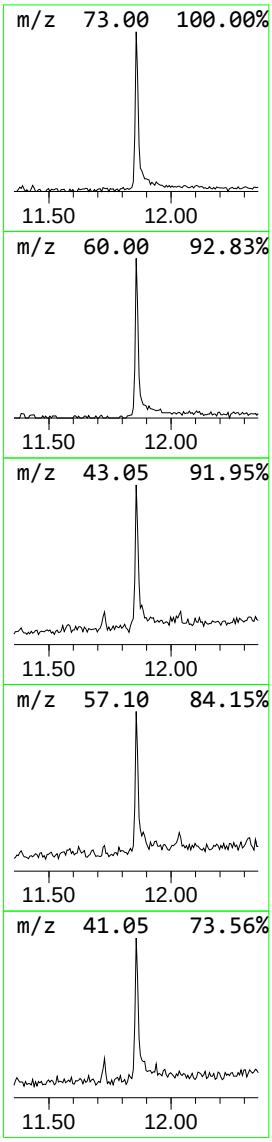
****

Peak Number 15 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	3.14 ng	187465	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

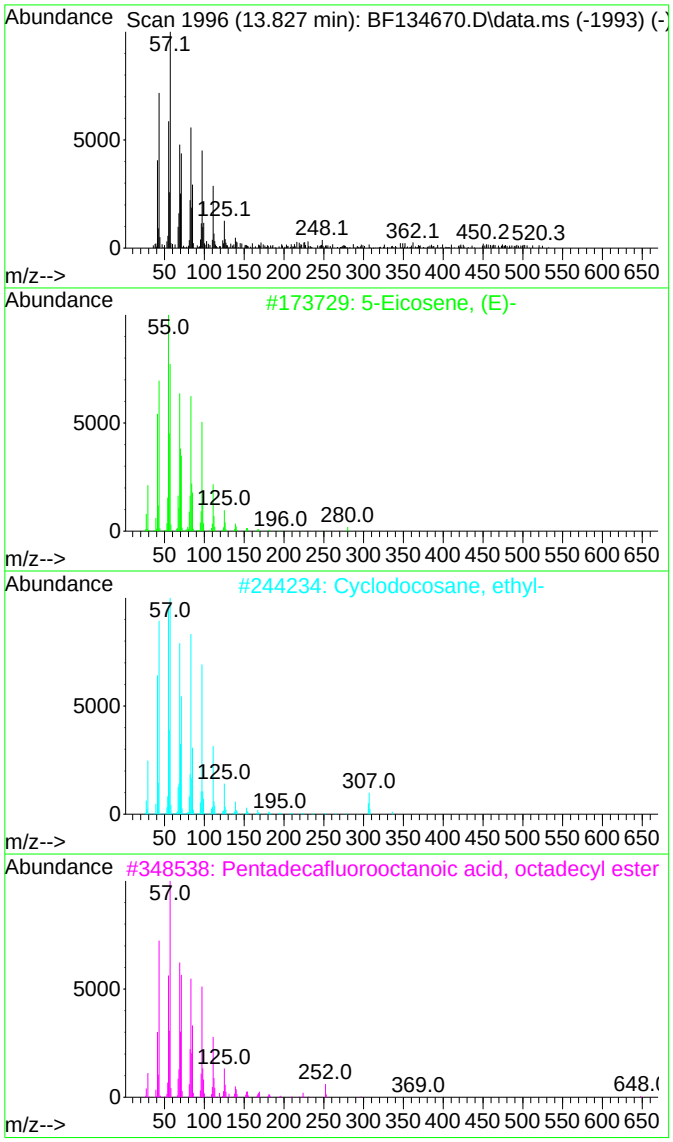
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

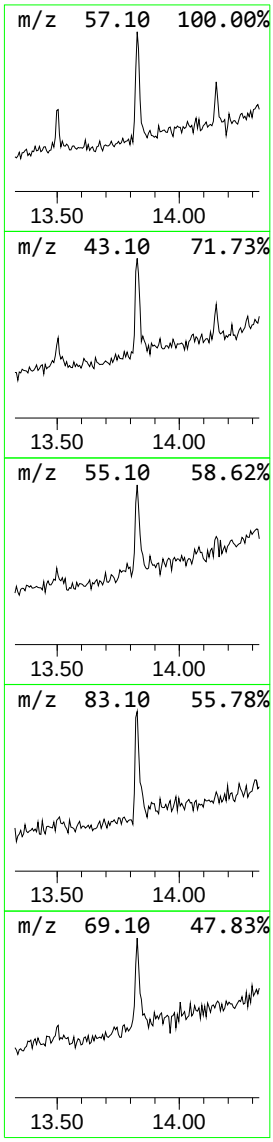
****

Peak Number 16 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	4.36 ng	206516	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
4	Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	91
5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134670.D
Acq On : 08 Aug 2023 14:17
Operator : CG\JU
Sample : 03903-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octane, 3-methyl-	4.963	2.3	ng	177238	1	6.798	1538680	20.0
unknown5.040	5.040	2.2	ng	170956	1	6.798	1538680	20.0
Octane, 4-methyl-	5.316	2.5	ng	192222	1	6.798	1538680	20.0
Decan-2-yl 2-me...	5.881	2.0	ng	157967	1	6.798	1538680	20.0
Nonane, 4-methyl-	5.957	2.0	ng	157630	1	6.798	1538680	20.0
Octane, 2,6-dim...	6.057	4.3	ng	328279	1	6.798	1538680	20.0
Isobutyl tetrad...	6.245	3.1	ng	242266	1	6.798	1538680	20.0
Octane, 2,5,6-t...	6.298	6.8	ng	519745	1	6.798	1538680	20.0
Ethanol, 2-(2-e...	6.628	2.1	ng	164510	1	6.798	1538680	20.0
Oxalic acid, 6-...	6.922	2.8	ng	216410	1	6.798	1538680	20.0
Pentane, 2,2,3,...	7.075	2.9	ng	219319	1	6.798	1538680	20.0
unknown7.504	7.504	2.1	ng	196355	2	8.081	1875330	20.0
Benzene, 1-meth...	7.681	2.3	ng	211422	2	8.081	1875330	20.0
Benzene, (1,1-d...	7.951	2.0	ng	187818	2	8.081	1875330	20.0
n-Hexadecanoic ...	11.857	3.1	ng	187465	4	11.322	1195940	20.0
5-Eicosene, (E)-	13.827	4.4	ng	206516	5	13.974	947205	20.0