LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLUDGE-DRUM

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-BF072423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134475.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.887	297	306	313	rVV2	2875321	6800093	54.78%	1.426%
2	4.028	321	330	336	rVV	3599679	6787003	54.67%	1.423%
3	4.493	403	409	415	rVB	4442042	6643778	53.52%	1.393%
4	4.599	420	427	435	rBV3	1467894	2502575	20.16%	0.525%
5	4.987	488	493	501	rVB2	3332869	5538107	44.61%	1.161%
6	5.251	534	538	541	rBV2	2394059	2935604	23.65%	0.616%
7	5.287	541	544	548	rVB3	1514134	2429901	19.57%	0.510%
8	5.346	548	554	556	rBV	4096579	5663262	45.62%	1.188%
9	5.369	556	558	561	rVB	4534731	3876513	31.23%	0.813%
10	5.446	567	571	573	rVV	5250837	5403776	43.53%	1.133%
11	5.610	595	599	604	rBV3	1343785	2129350	17.15%	0.447%
12	5.699	609	614	619	rBV5	1409288	3204280	25.81%	0.672%
13	5.757	619	624	629	rVB	5735247	6795797	54.74%	1.425%
14	5.910	645	650	652	rBV3	1834265	2765053	22.27%	0.580%
15	5.987	657	663	668	rVB3	3227575	4502517	36.27%	0.944%
16	6.040	668	672	674	rBV	1876909	2300182	18.53%	0.482%
17	6.087	674	680	686	rBV3	4845438	6417532	51.69%	1.346%
18	6.275	706	712	715	rBV2	4031458	5655106	45.55%	1.186%
19	6.316	716	719	721	rBV	1827221	2078697	16.74%	0.436%
20	6.340	721	723	725	rVB	4222867	3460822	27.88%	0.726%
21	6.369	725	728	731	rBV2	5599475	6474732	52.16%	1.358%
22	6.393	731	732	735	rVB2	2997916	2410970	19.42%	0.506%
23	6.434	735	739	744	rBV2	5439725	7215446	58.12%	1.513%
24	6.481	744	747	750	rVB2	2065149	2222619	17.90%	0.466%
25	6.528	750	755	759	rVB4	2375039	3434802	27.67%	0.720%
26	6.581	759	764	768	rBV5	1744469	3466181	27.92%	0.727%
27	6.669	775	779	786	rBV3	7051758	9812227	79.04%	2.058%
28	6.775	790	797	799	rBV4	2026208	3214902	25.90%	0.674%
29	6.851	807	810	814	rVB3	4055823	4771363	38.43%	1.001%
30	6.893	814	817	820	rBV2	3151210	3180782	25.62%	0.667%
31	6.981	830	832	836	rVB3	3462012	4054294	32.66%	0.850%
32	7.087	844	850	852	rBV2	3303669	4915542	39.60%	1.031%
33	7.116	852	855	858	rVB	6647375	7762408	62.53%	1.628%
34	7.169	858	864	866	rBV3	6970259	11277183	90.84%	2.365%
35	7.234	870	875	878	rBV2	6148741	7694094	61.98%	1.613%
36	7.310	884	888	890	rBV	3308472	3868834	31.16%	0.811%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

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-BF072423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.334	890	892	894	rVB	4043678	3032398	24.43%	0.636%
38	7.381	894	900	903	rBV2	6717752	9622041	77.51%	2.018%
39	7.416	903	906	908	rBV3	3487893	3131685	25.23%	0.657%
40	7.440	908	910	913	rVB	4773601	4178168	33.66%	0.876%
41	7.487	913	918	921	rBV6	5018571	7835715	63.12%	1.643%
42	7.528	921	925	927	rBV2	3569380	4464262	35.96%	0.936%
43	7.551	927	929	933	rVB3	3425442	3741521	30.14%	0.785%
44	7.592	933	936	938	rBV2	1817941	2218763	17.87%	0.465%
45	7.616	938	940	943	rBV2	3613567	4024231	32.42%	0.844%
46	7.645	943	945	949	rVB2	6141967	6064407	48.85%	1.272%
47	7.728	955	959	961	rBV2	3568650	4673552	37.65%	0.980%
48	7.851	976	980	981	rBV4	4572301	5188789	41.80%	1.088%
49	7.875	981	984	986	rVV4	5640770	7693388	61.97%	1.613%
50	7.898	986	988	991	rVV2	4392112	4282841	34.50%	0.898%
51	7.945	991	996	999	rVV5	4106831	6375258	51.35%	1.337%
52	7.998	1002	1005	1009	rBV2	4178601	4436520	35.74%	0.930%
53	8.087	1014	1020	1022	rBV5	3880415	6345698	51.12%	1.331%
54	8.122	1022	1026	1029	rVV4	5748979	8915233	71.81%	1.870%
55	8.157	1029	1032	1034	rVV2	3537277	5308695	42.76%	1.113%
56	8.181	1034	1036	1038	rVV	4177211	5153992	41.52%	1.081%
57	8.222	1041	1043	1046	rVB2	3587298	2823911	22.75%	0.592%
58	8.287	1050	1054	1055	rBV3	2441036	2572798	20.72%	0.540%
59	8.334	1059	1062	1065	rVB2	3883314	4091663	32.96%	0.858%
60	8.428	1072	1078	1081	rBV5	3483887	5914715	47.64%	1.240%
61	8.487	1085	1088	1090	rBV3	2259332	2341348	18.86%	0.491%
62	8.522	1090	1094	1096	rVB3	3727121	4014037	32.33%	0.842%
63	8.569	1096	1102	1106	rBV3	5274868	8951193	72.10%	1.877%
64	8.651	1111	1116	1118	rBV	4673915	5943065	47.87%	1.246%
65	8.704	1123	1125	1128	rVV	2329885	2157996	17.38%	0.453%
66	8.739	1128	1131	1134	rVB4	3569595	3558431	28.66%	0.746%
67	8.834	1144	1147	1149	rVB4	2938230	2736061	22.04%	0.574%
68	8.863	1149	1152	1154	rVB	2915826	2611624	21.04%	0.548%
69	8.975	1159	1171	1173	rBV6	4707471	10525554	84.79%	2.207%
70	9.087	1188	1190	1193	rBV3	1973224	2353941	18.96%	0.494%
71	9.175	1200	1205	1210	rVV5	5200418	7052354	56.81%	1.479%
72	9.304	1223	1227	1228	rBV3	3346349	4491861	36.18%	0.942%
73	9.504	1254	1261	1264	rBV3	4587506	8501517	68.48%	1.783%
74	9.581	1269	1274	1277	rBV4	2890023	5767367	46.46%	1.209%
75	9.698	1290	1294	1296	rBV3	2555399	3261267	26.27%	0.684%
76	9.781	1304	1308	1310	rBV3	2786950	3082854	24.83%	0.646%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

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-BF072423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.845	1317	1319	1323	rVB	3466788	3516712	28.33%	0.737%
78	9.892	1323	1327	1332	rBV7	2509133	4748194	38.25%	0.996%
79	9.945	1332	1336	1339	rBV3	1832296	2979211	24.00%	0.625%
80	10.022	1345	1349	1353	rVB3	3383401	5575297	44.91%	1.169%
81	10.063	1353	1356	1360	rBV4	2162077	3370808	27.15%	0.707%
82	10.110	1360	1364	1365	rBV3	2513492	3053267	24.59%	0.640%
83	10.169	1370	1374	1377	rVV2	4655050	5611620	45.20%	1.177%
84	10.239	1381	1386	1388	rBV	3927846	5171478	41.66%	1.084%
85	10.269	1388	1391	1397	rVB3	3316976	4745481	38.23%	0.995%
86	10.328	1397	1401	1402	rBV2	3142661	4022260	32.40%	0.843%
87	10.351	1402	1405	1407	rVB2	3812988	3562770	28.70%	0.747%
88	10.463	1419	1424	1426	rBV3	2660993	4241537	34.17%	0.889%
89	10.569	1438	1442	1446	rVB2	4814687	8058002	64.91%	1.690%
90	10.845	1481	1489	1493	rVB2	5571056	12414364	100.00%	2.603%
91	11.004	1514	1516	1520	rBV2	1502161	2072506	16.69%	0.435%
92	11.051	1520	1524	1526	rVV3	1789884	2643940	21.30%	0.554%
93	11.263	1557	1560	1563	rBV3	2152100	3011636	24.26%	0.632%
94	11.298	1563	1566	1571	rVB3	5067084	6942161	55.92%	1.456%
95	11.639	1621	1624	1627	rBV3	2348595	2643787	21.30%	0.554%
96	11.686	1630	1632	1635	rVB2	2479099	2244603	18.08%	0.471%
97	11.739	1637	1641	1646	rVB4	1513336	2674874	21.55%	0.561%
98	11.910	1667	1670	1672	rBV	2142821	2175250	17.52%	0.456%
99	11.945	1672	1676	1678	rVB	2793262	3191753	25.71%	0.669%
100	12.463	1760	1764	1771	rVV2	2554509	5085083	40.96%	1.066%

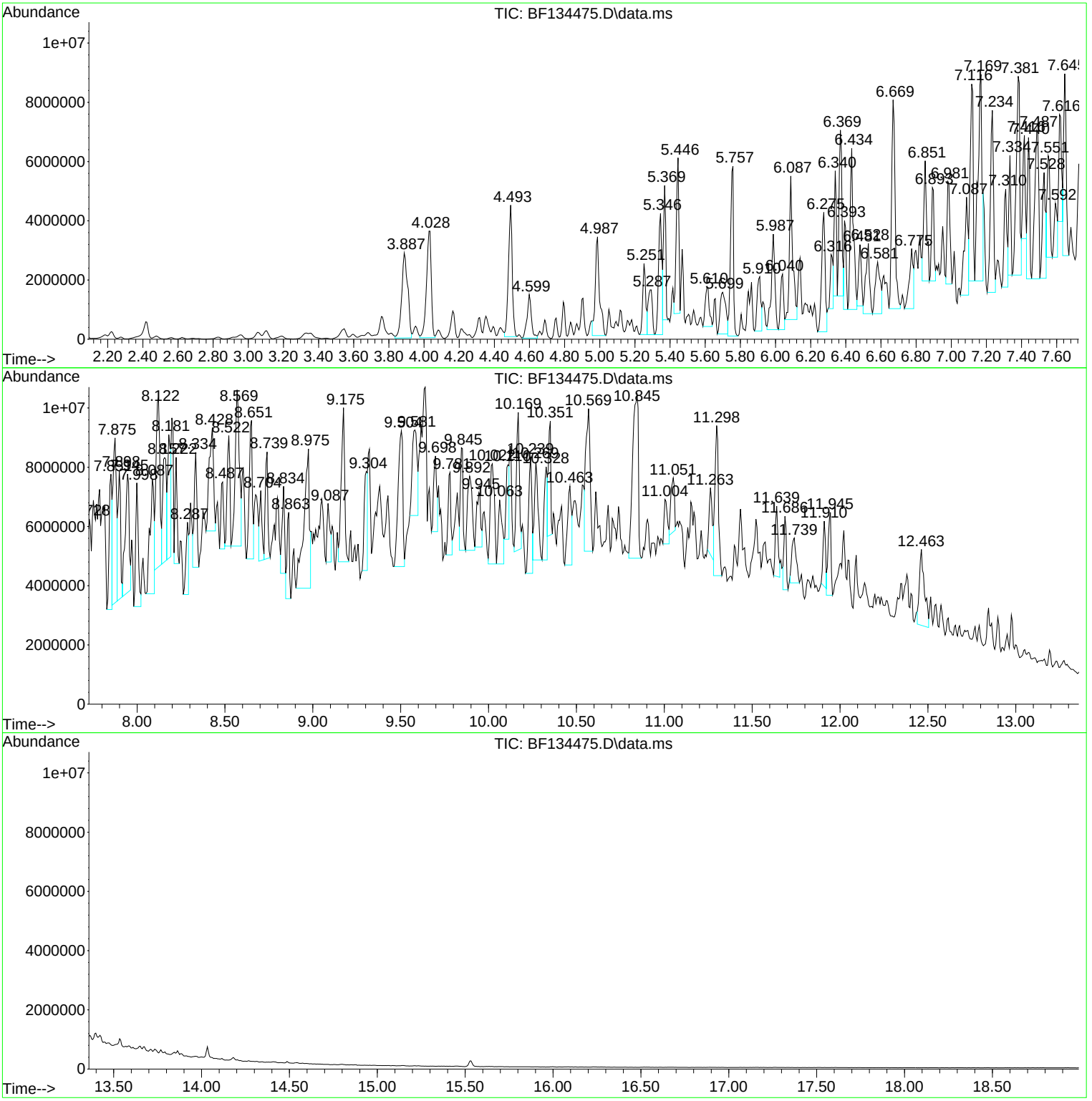
Sum of corrected areas: 476863635

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

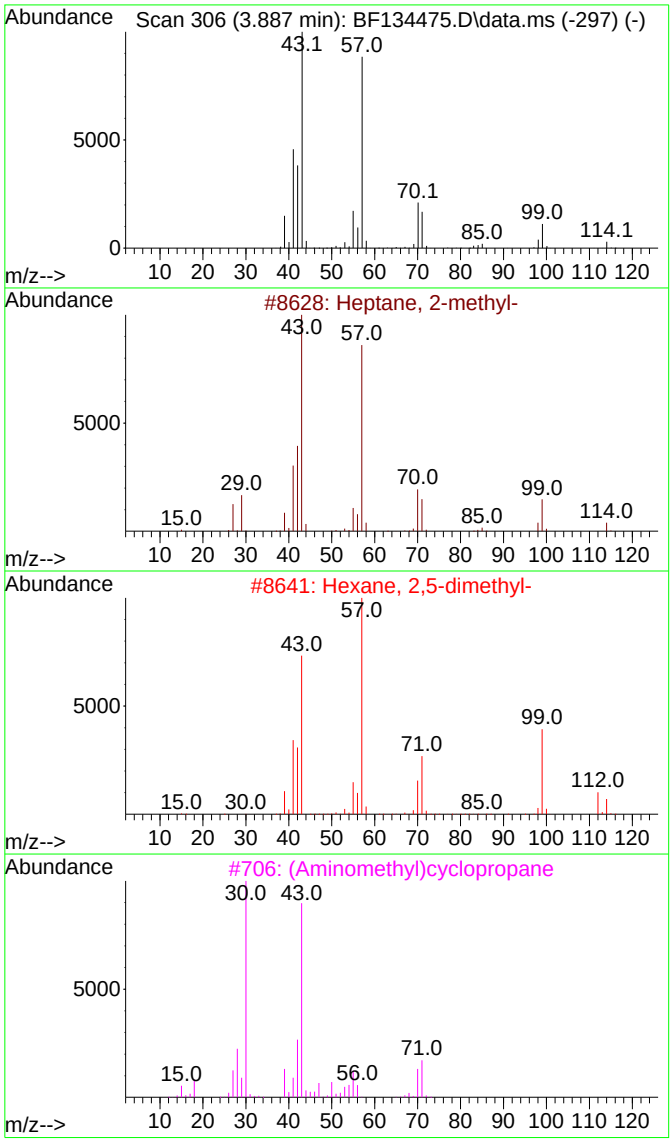
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

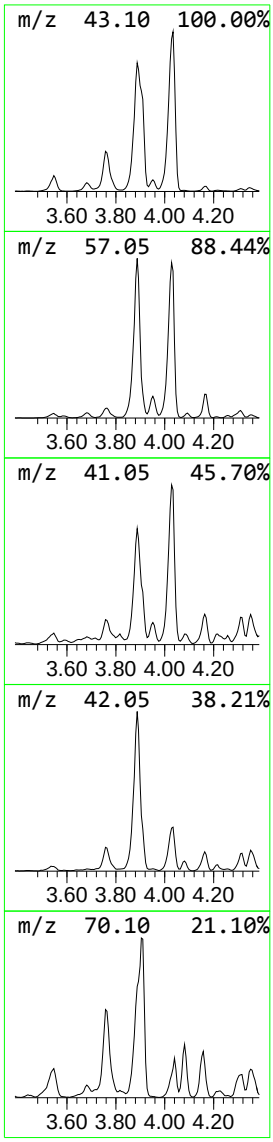
****

Peak Number 1 Heptane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.887	28.50 ng	6800090	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	83
3	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	40
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

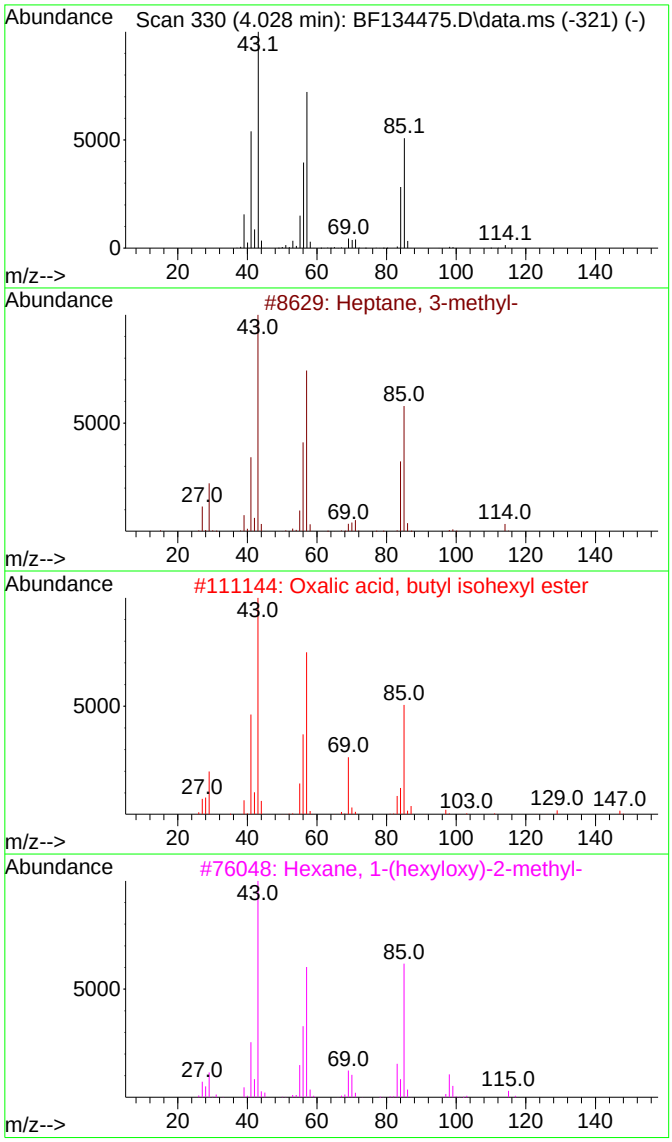
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

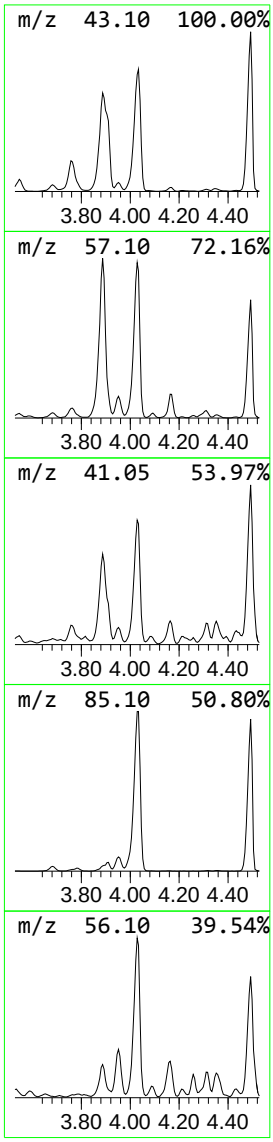
****

Peak Number 2 Heptane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.028	28.45 ng	6787000	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	72
3	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	62
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

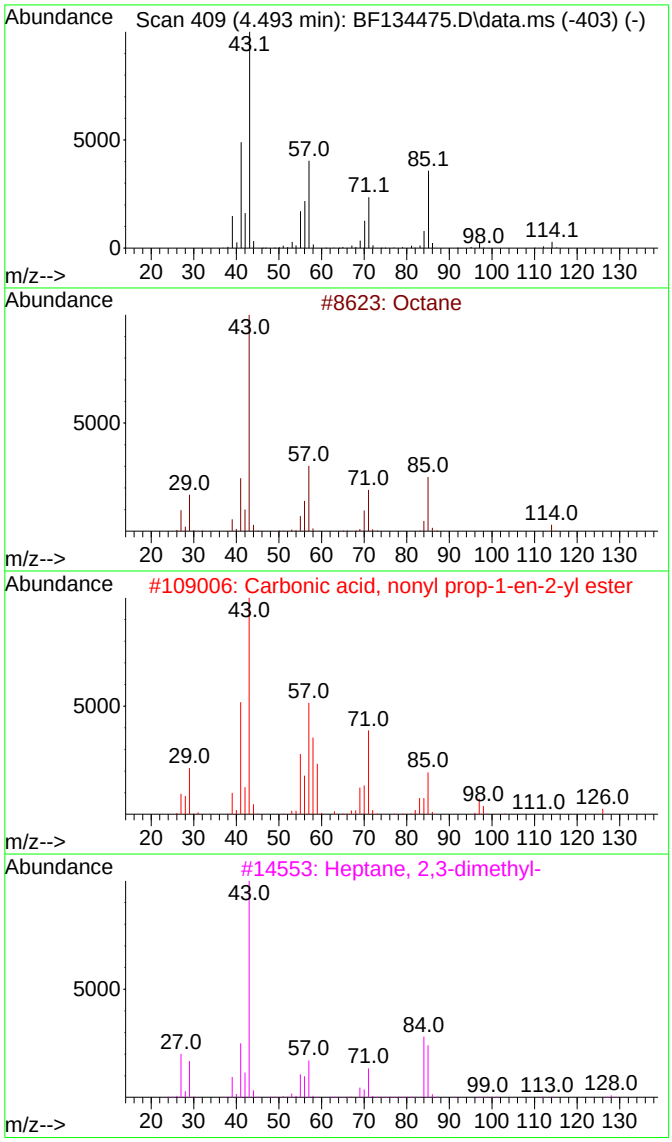
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

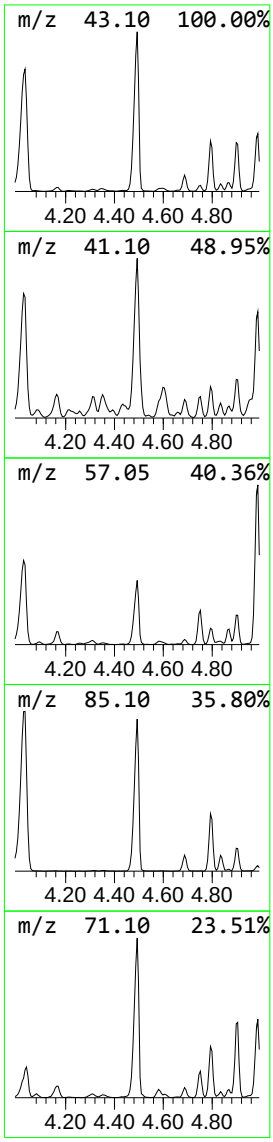
****

Peak Number 3 Octane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.493	27.85 ng	6643780	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	64
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

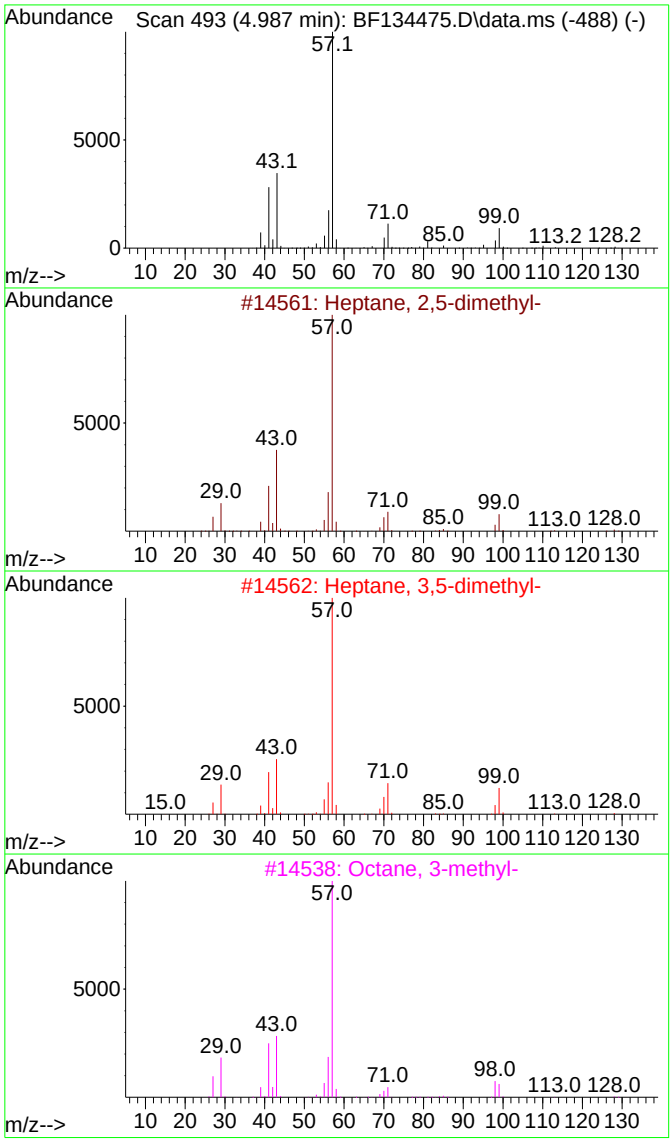
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

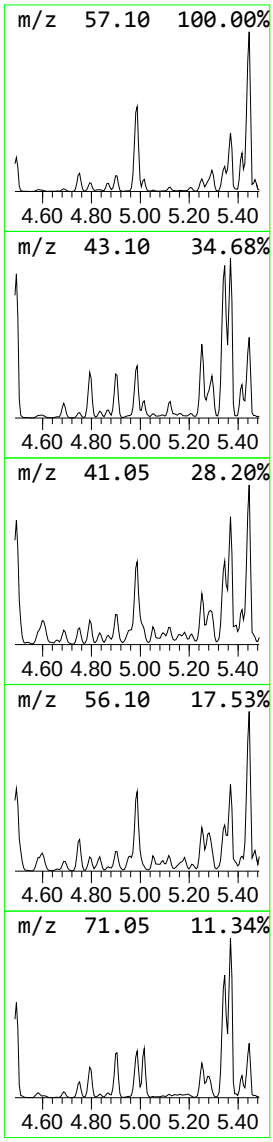
****

Peak Number 4 Heptane, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	23.21 ng	5538110	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	78
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	59
5	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

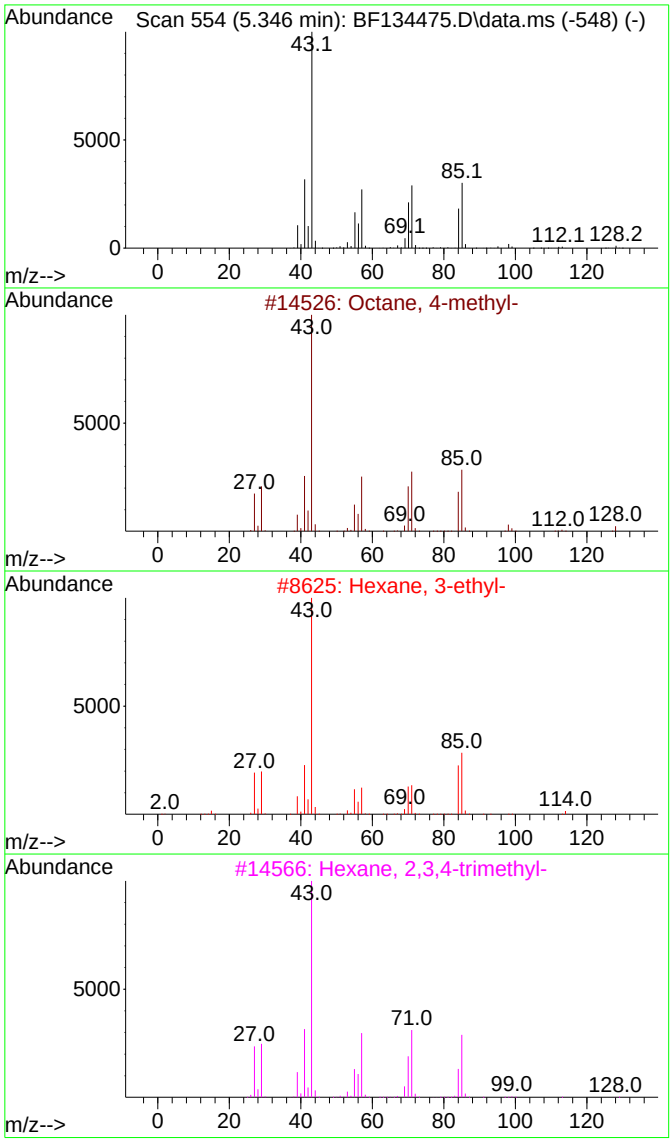
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

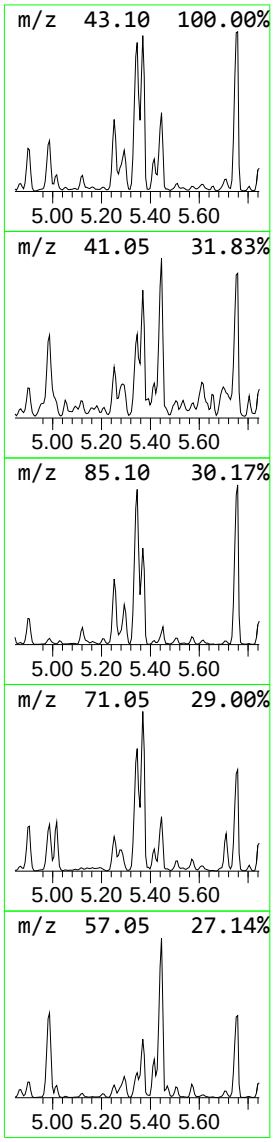
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.346	23.74 ng	5663260	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	83
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	80
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	68
5	Octane	114	C8H18	000111-65-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

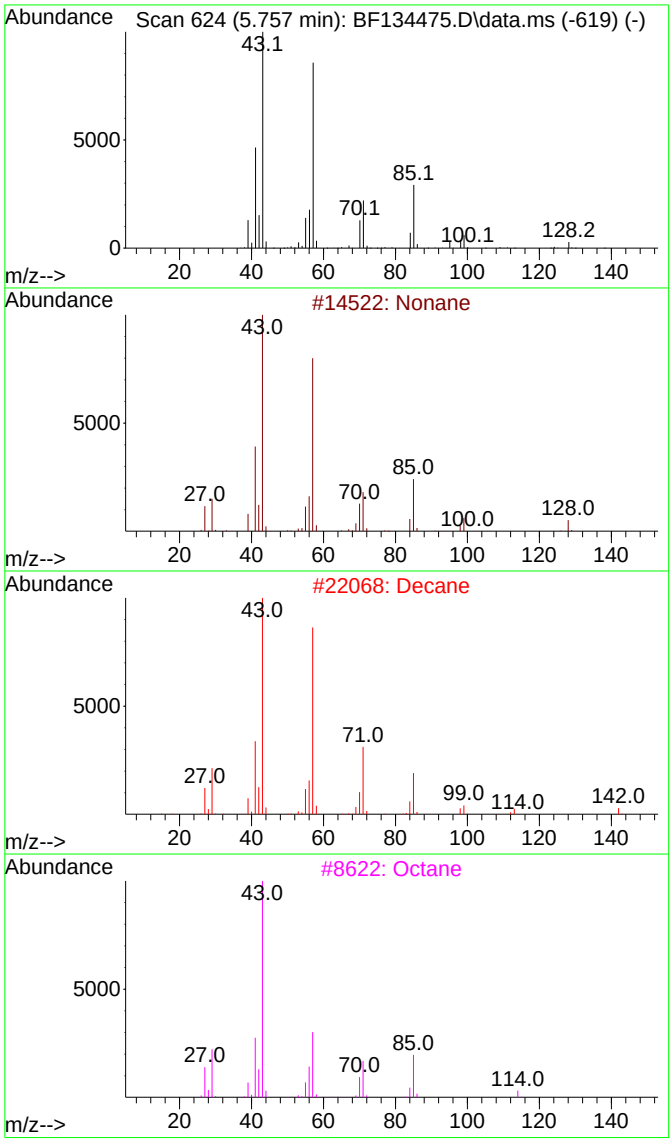
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

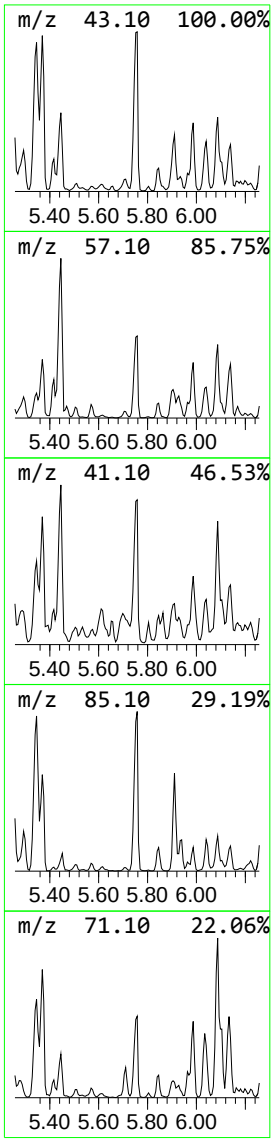
****

Peak Number 6 Nonane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.757	28.49 ng	6795800	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Decane	142	C10H22	000124-18-5	78
3	Octane	114	C8H18	000111-65-9	72
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

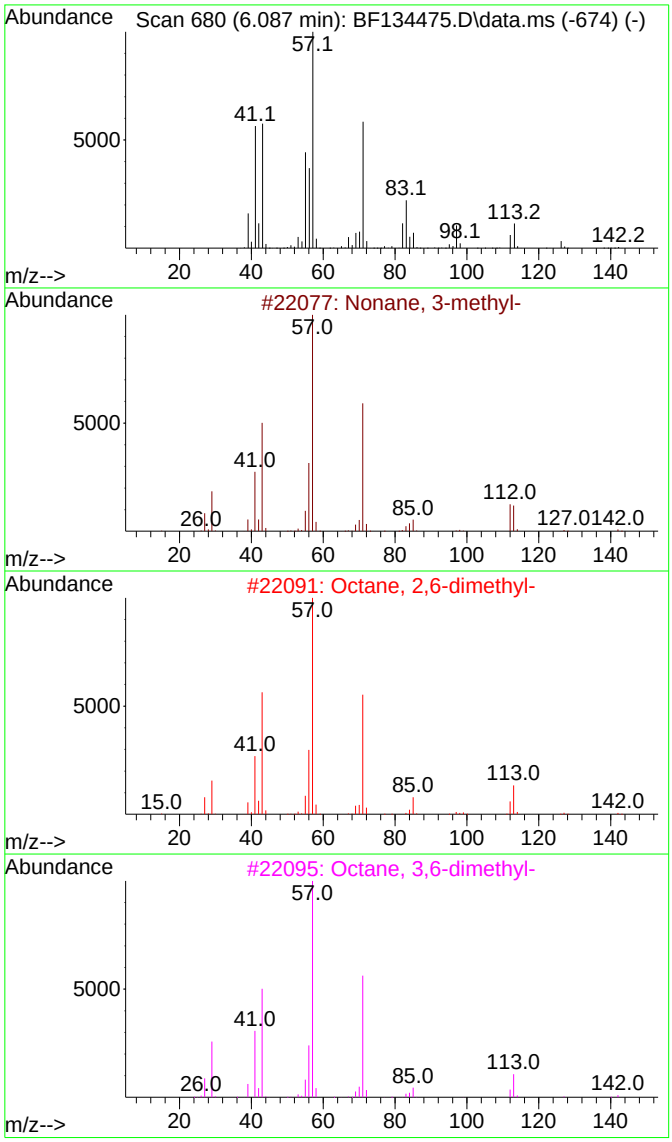
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

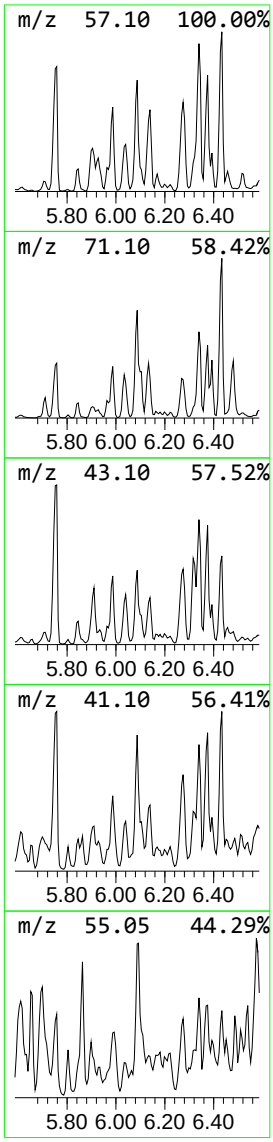
****

Peak Number 7 Nonane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.087	26.90 ng	6417530	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	62
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	47
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

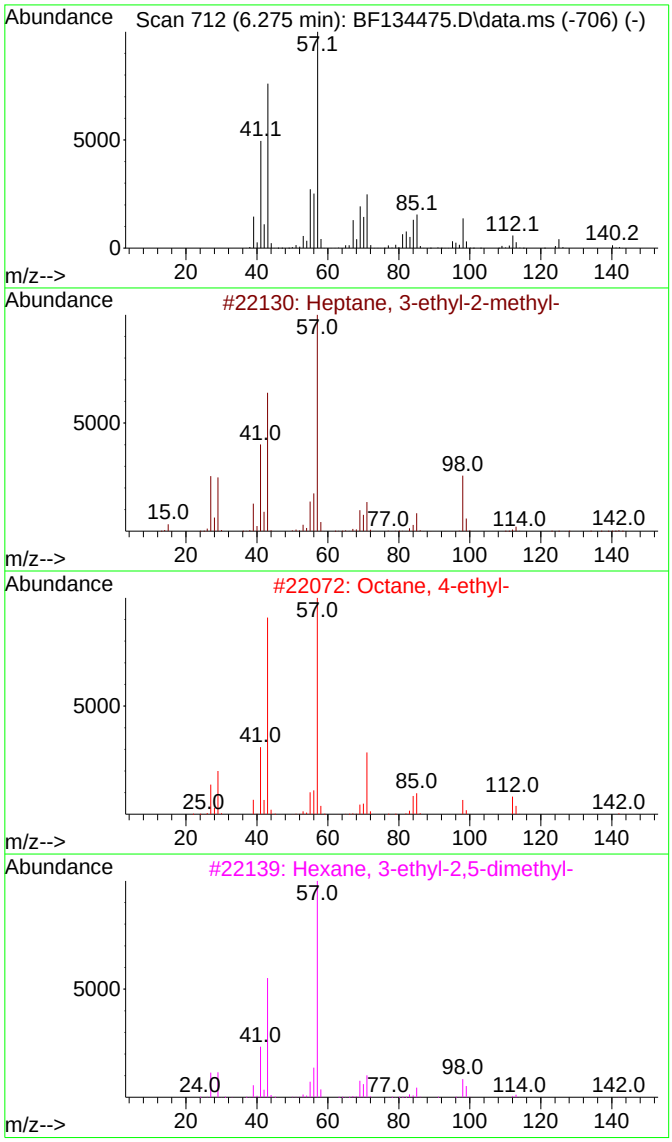
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

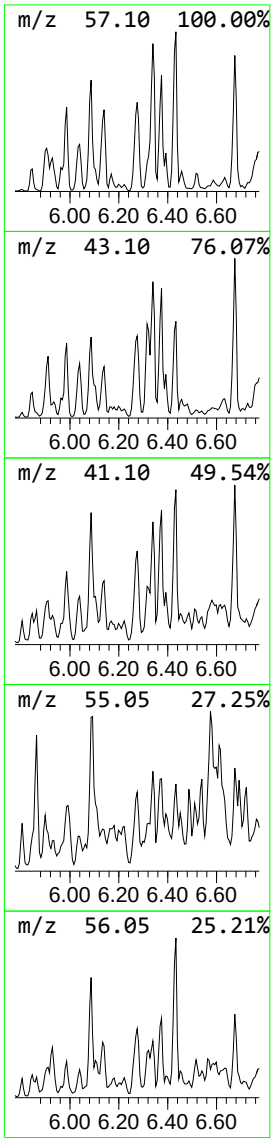
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Heptane, 3-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.275	23.70 ng	5655110	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	50
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	46
4	1-Octanol, 2-methyl-	144	C9H20O	000818-81-5	43
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

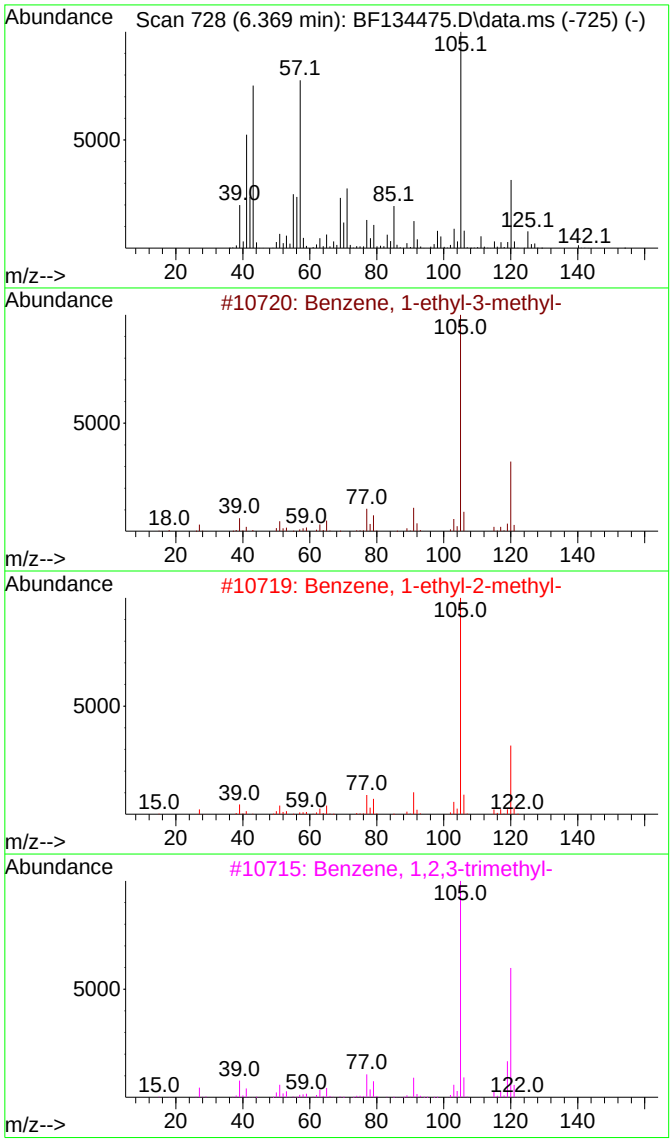
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

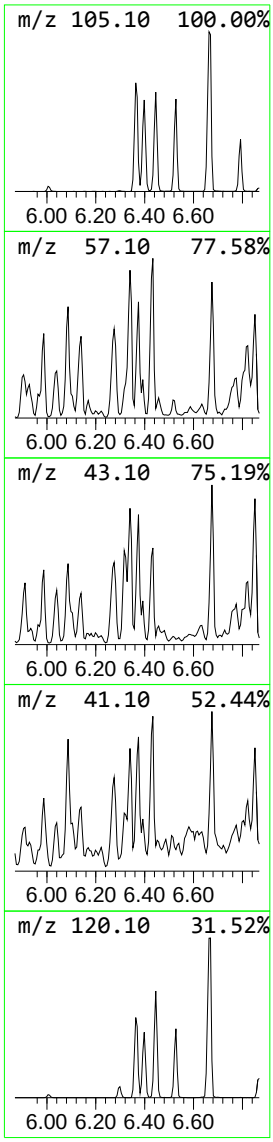
****

Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.369	27.14 ng	6474730	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	35
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	35
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

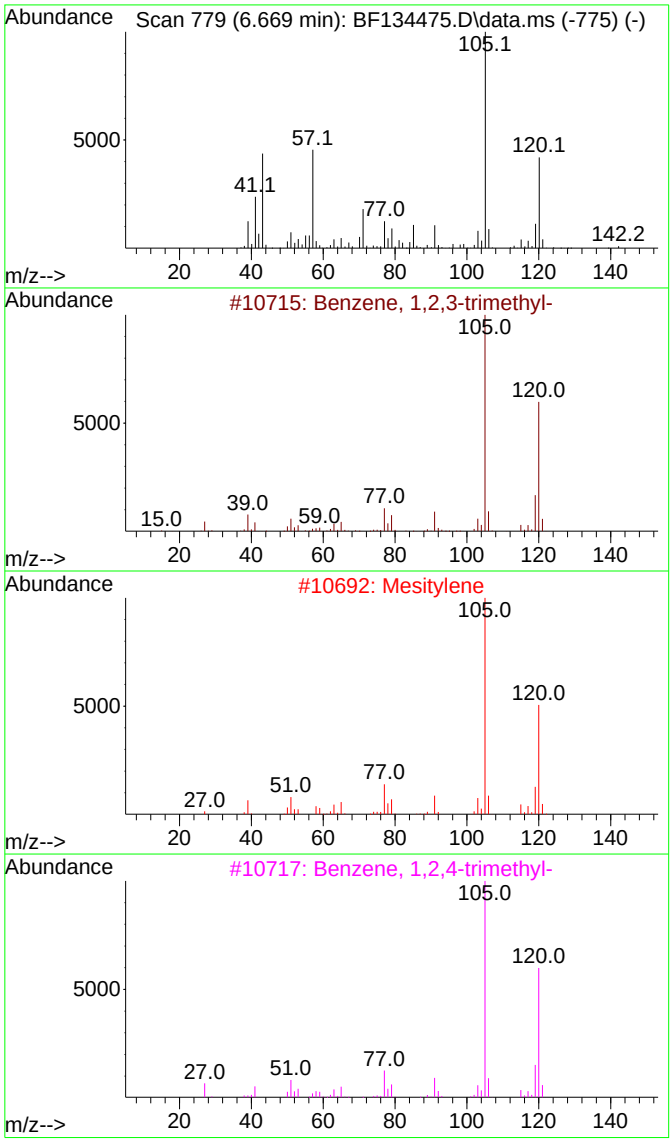
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

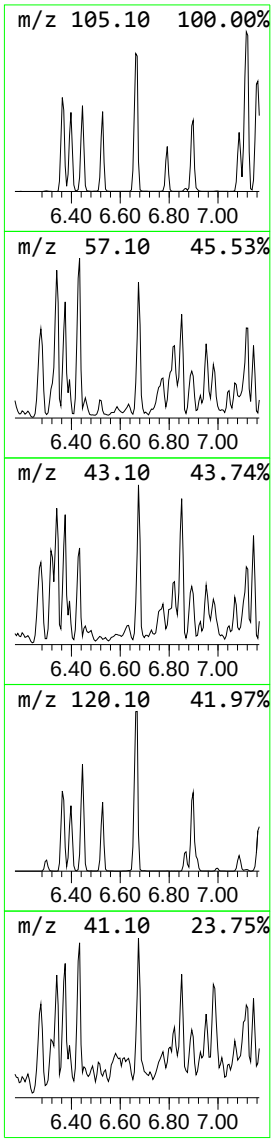
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.669	41.13 ng	9812230	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

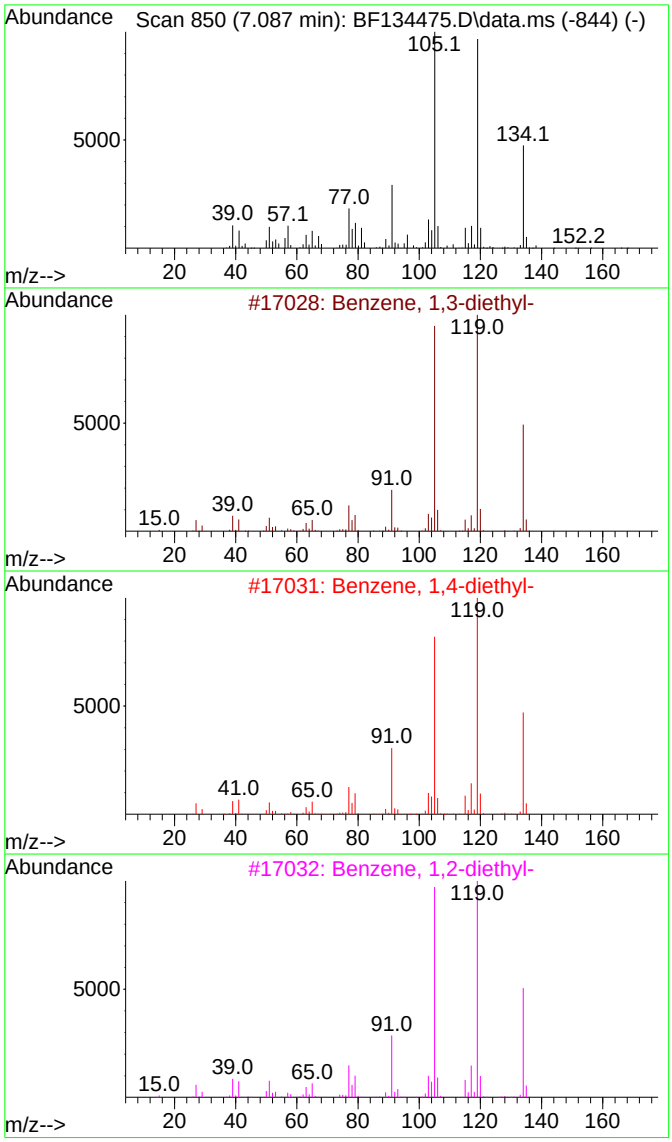
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

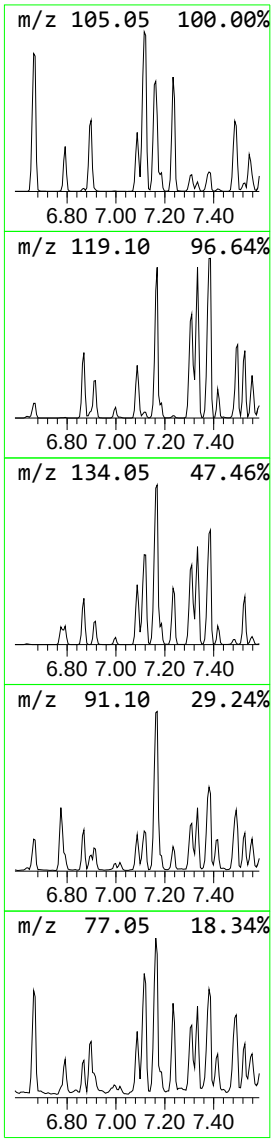
****

Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.087	20.60 ng	4915540	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

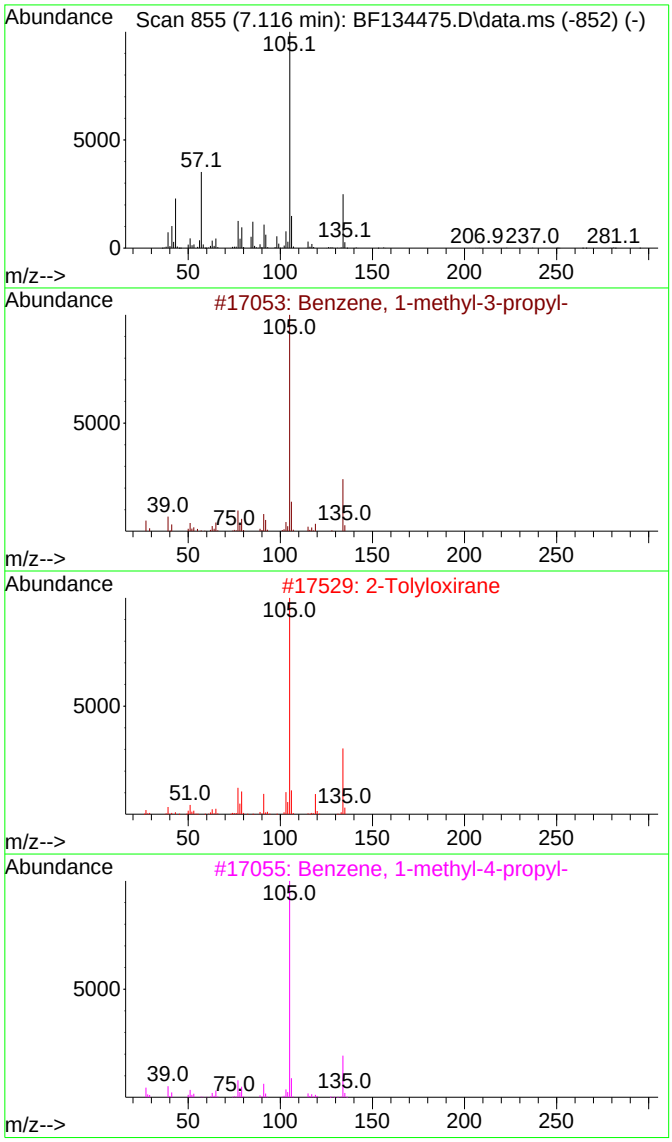
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

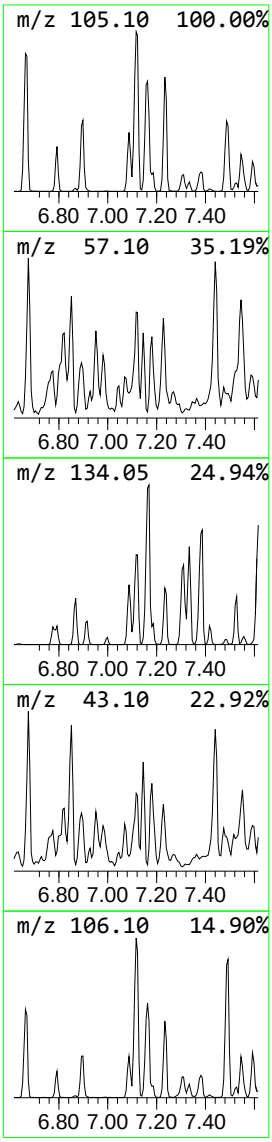
****

Peak Number 12 Benzene, 1-methyl-3-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	32.54 ng	7762410	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	2-Tolyloxirane	134	C9H10O	002783-26-8	76
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	68
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

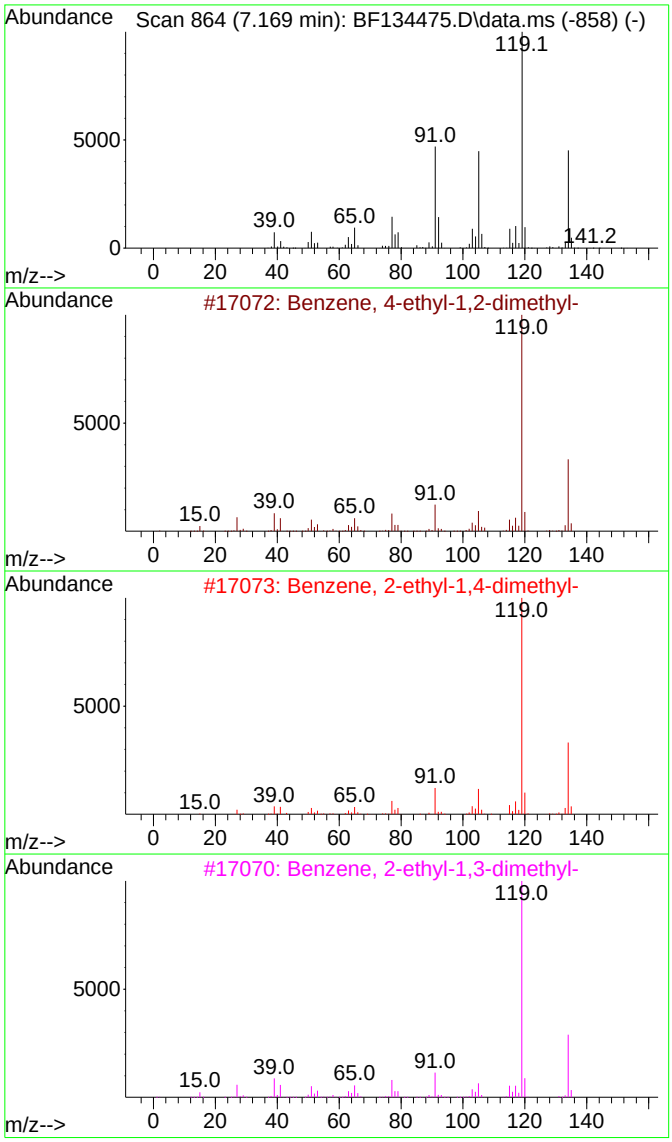
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

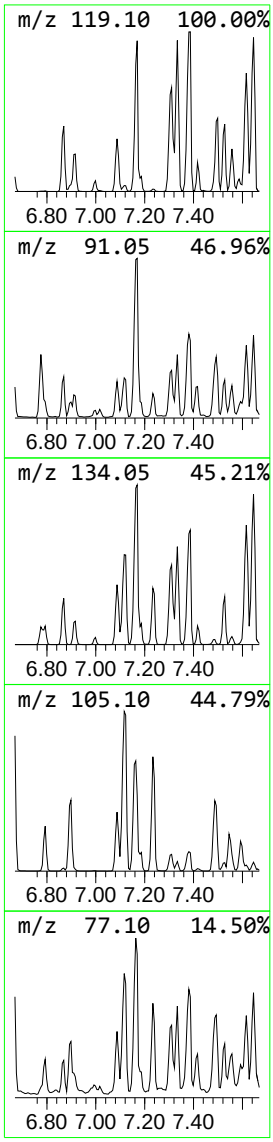
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.169	47.27 ng	11277200	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

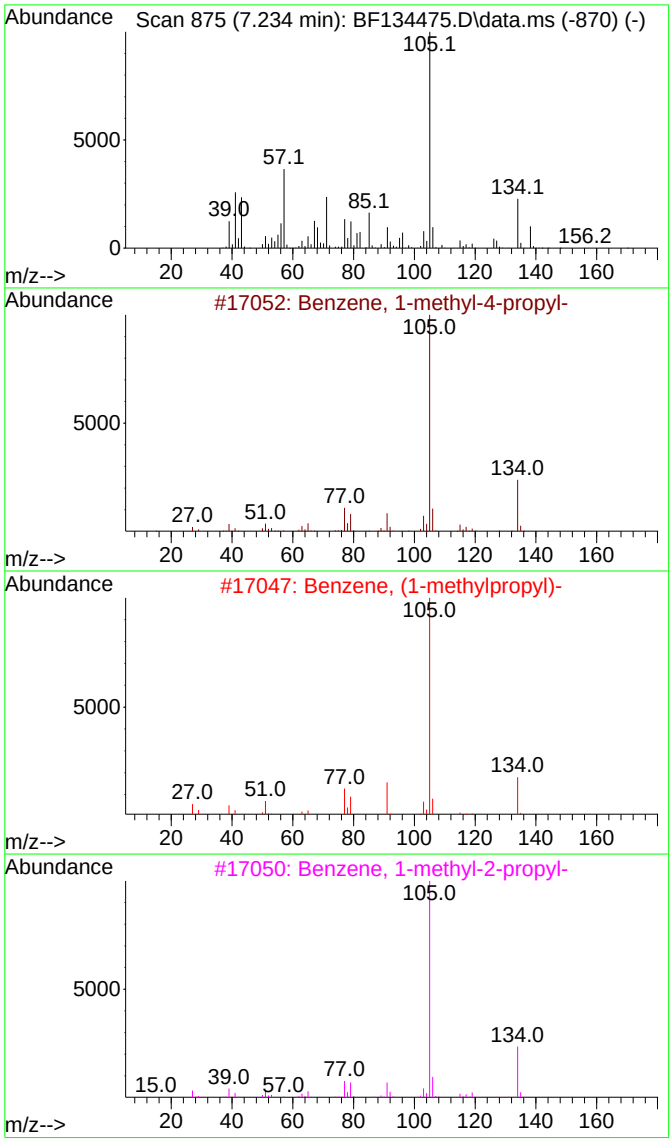
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

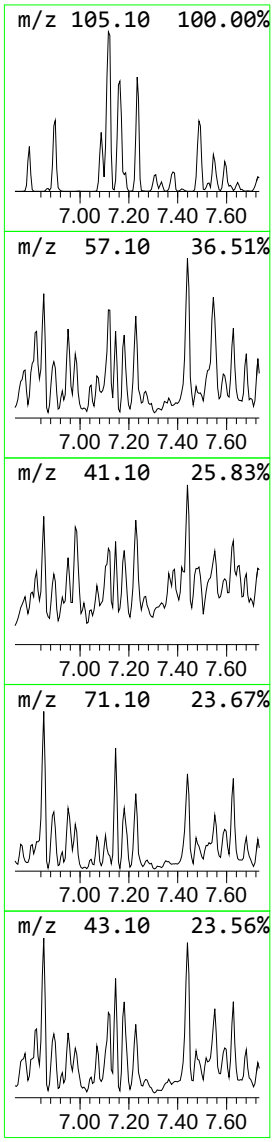
****

Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	32.25 ng	7694090	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	89
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	50
5	2-Tolyloxirane	134	C9H10O	002783-26-8	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

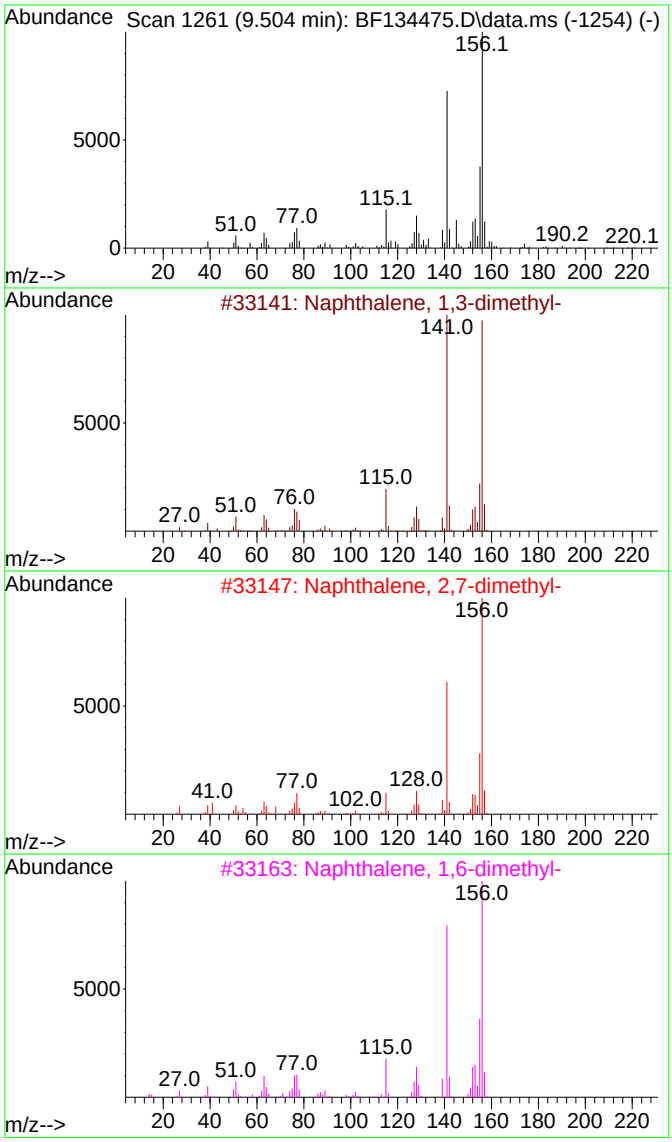
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

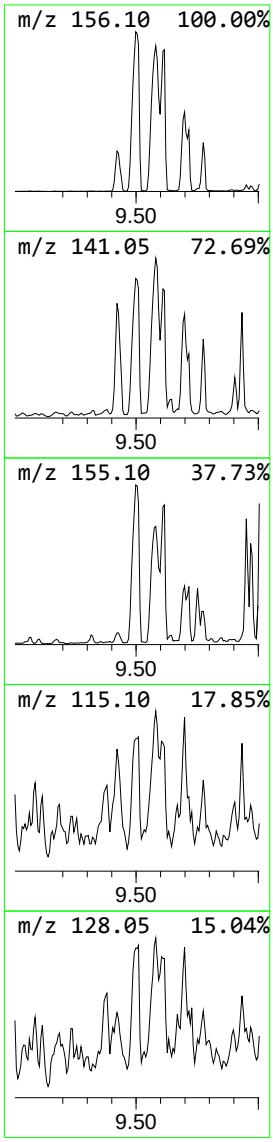
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	35.81 ng	8501520	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

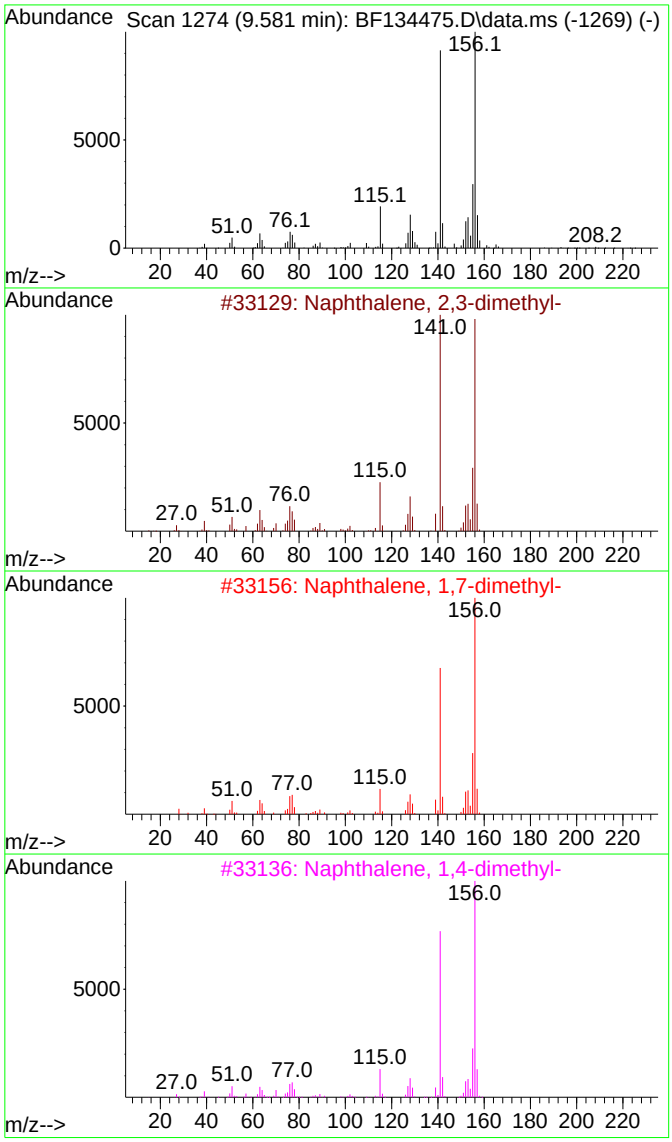
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

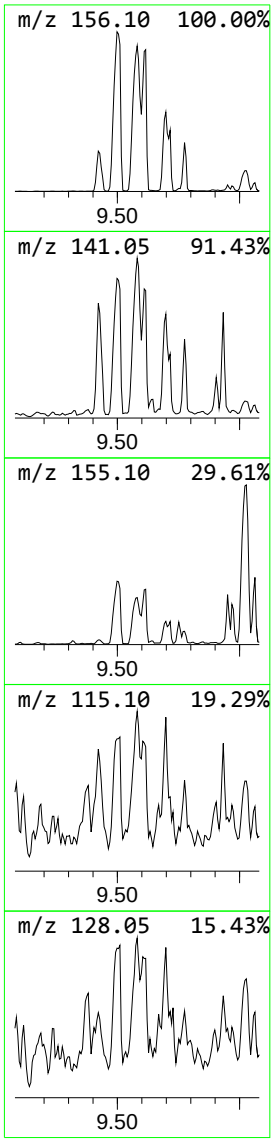
****

Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	24.29 ng	5767370	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

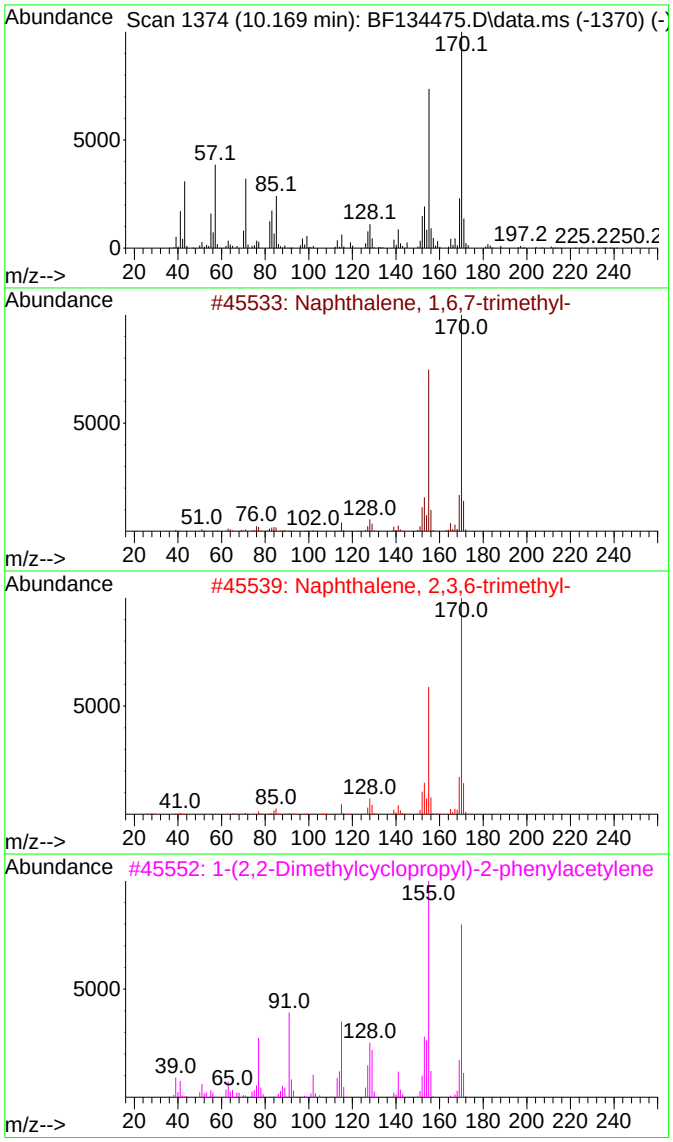
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

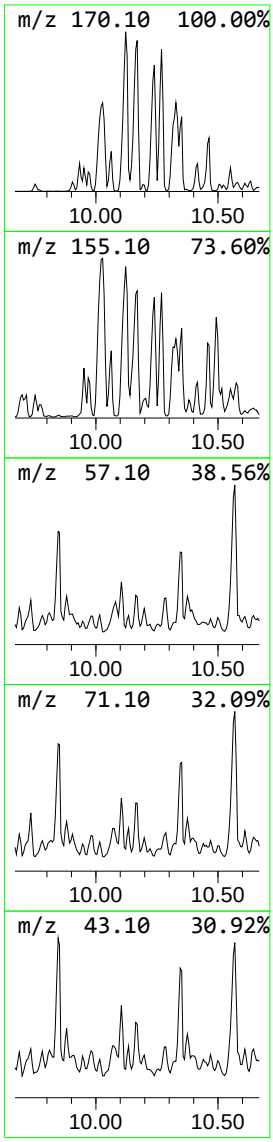
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.169	23.64 ng	5611620	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

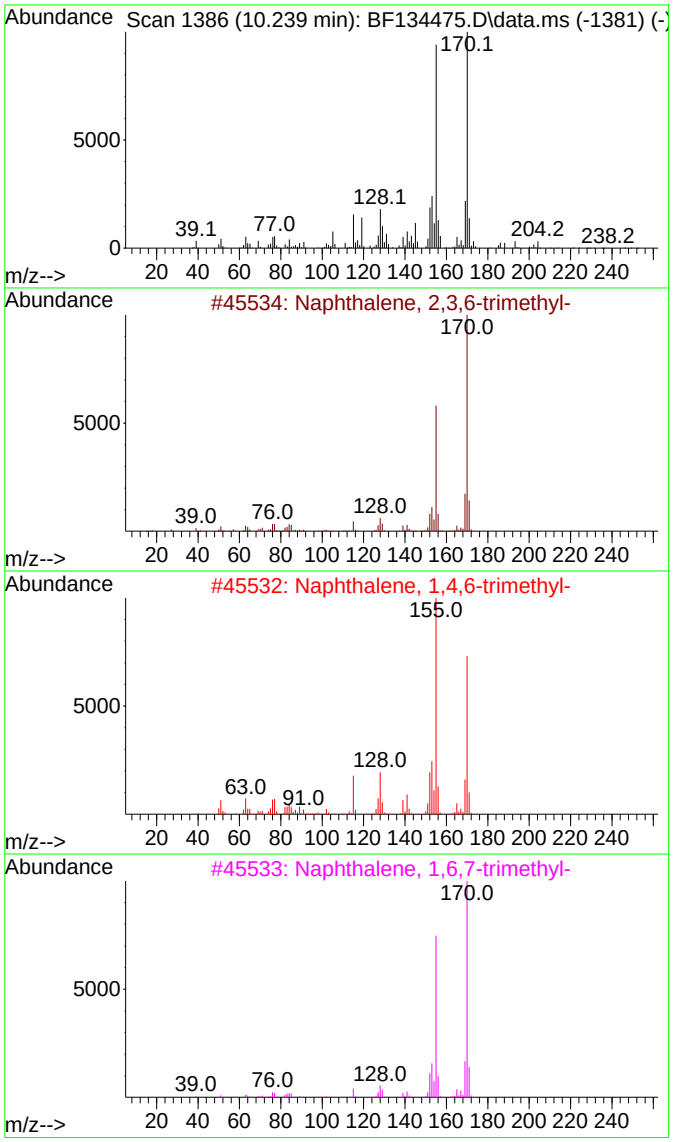
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

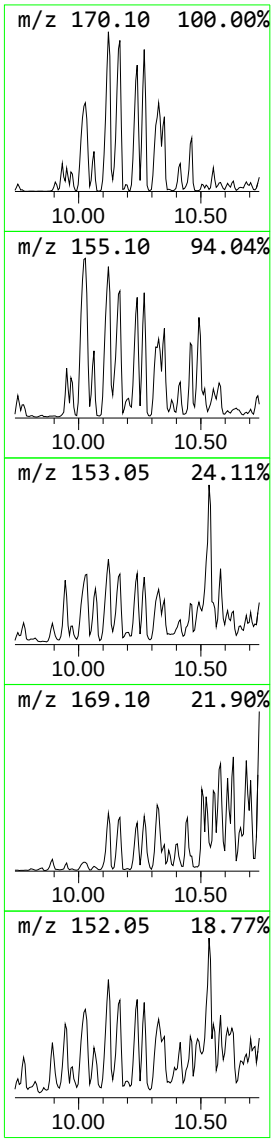
****

Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.239	21.78 ng	5171480	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

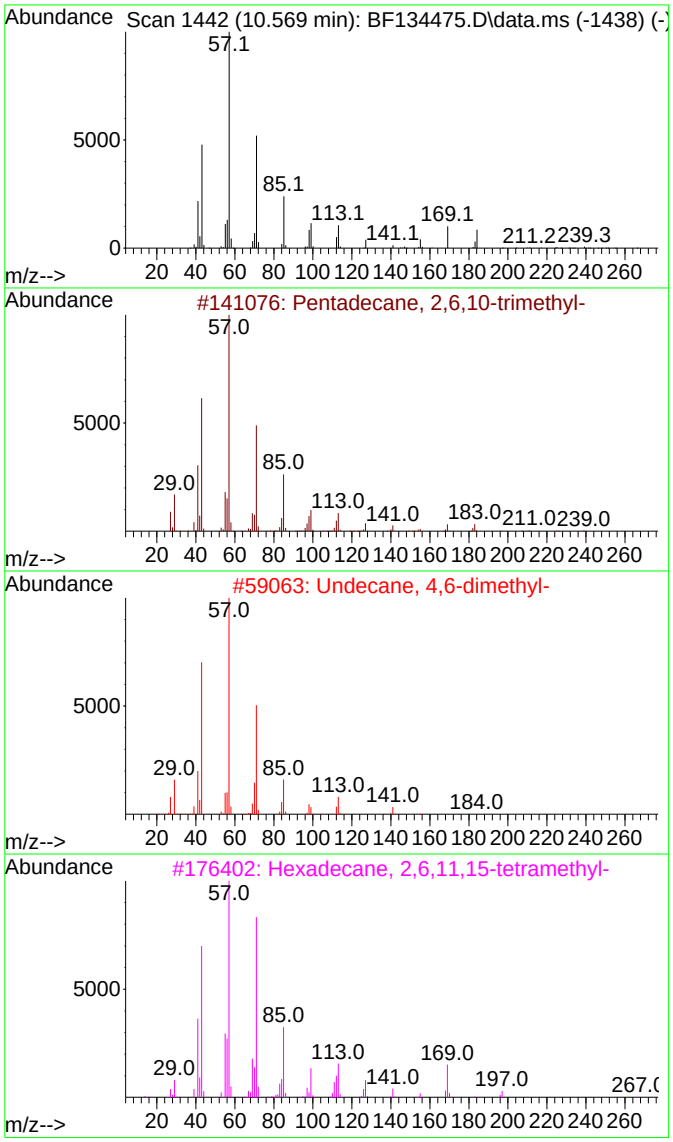
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

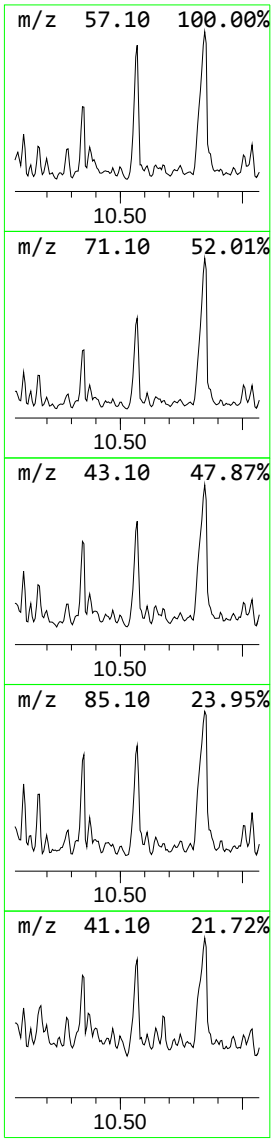
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	33.94 ng	8058000	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
4	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	58
5	Tridecane	184	C13H28	000629-50-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

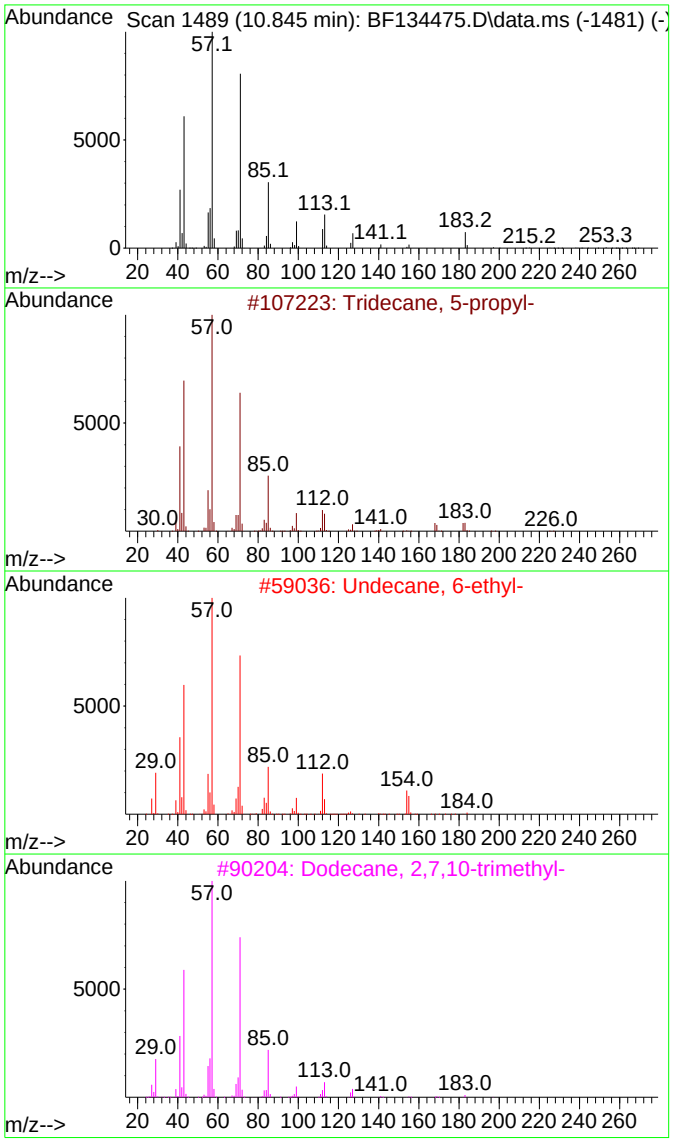
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

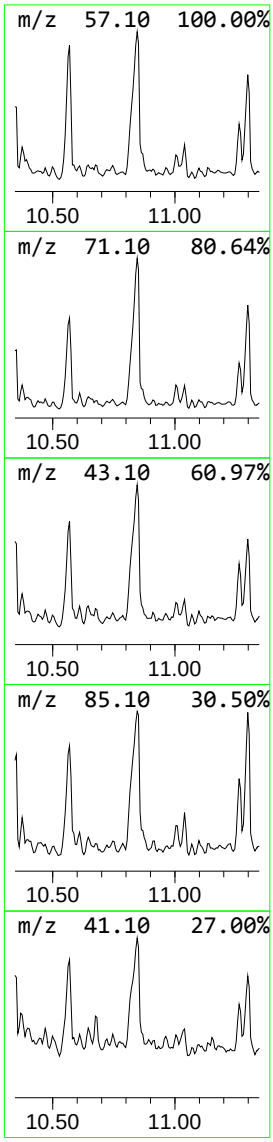
****

Peak Number 20 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	35.77 ng	12414400	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	94
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	83
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134475.D
Acq On : 25 Jul 2023 21:55
Operator : CG\JU
Sample : 03668-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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
Heptane, 2-methyl-	3.887	28.5	ng	6800090	1	6.840	4771360	20.0
Heptane, 3-methyl-	4.028	28.4	ng	6787000	1	6.840	4771360	20.0
Octane	4.493	27.9	ng	6643780	1	6.840	4771360	20.0
Heptane, 2,5-di...	4.987	23.2	ng	5538110	1	6.840	4771360	20.0
Octane, 4-methyl-	5.346	23.7	ng	5663260	1	6.840	4771360	20.0
Nonane	5.757	28.5	ng	6795800	1	6.840	4771360	20.0
Nonane, 3-methyl-	6.087	26.9	ng	6417530	1	6.840	4771360	20.0
Heptane, 3-ethy...	6.275	23.7	ng	5655110	1	6.840	4771360	20.0
Benzene, 1-ethy...	6.369	27.1	ng	6474730	1	6.840	4771360	20.0
Benzene, 1,2,3-...	6.669	41.1	ng	9812230	1	6.840	4771360	20.0
Benzene, 1,3-di...	7.087	20.6	ng	4915540	1	6.840	4771360	20.0
Benzene, 1-meth...	7.116	32.5	ng	7762410	1	6.840	4771360	20.0
Benzene, 4-ethy...	7.169	47.3	ng	11277200	1	6.840	4771360	20.0
Benzene, 1-meth...	7.234	32.3	ng	7694090	1	6.840	4771360	20.0
Naphthalene, 1,...	9.504	35.8	ng	8501520	3	9.910	4748190	20.0
Naphthalene, 2,...	9.581	24.3	ng	5767370	3	9.910	4748190	20.0
Naphthalene, 1,...	10.169	23.6	ng	5611620	3	9.910	4748190	20.0
Naphthalene, 2,...	10.239	21.8	ng	5171480	3	9.910	4748190	20.0
Pentadecane, 2,...	10.569	33.9	ng	8058000	3	9.910	4748190	20.0
Tridecane, 5-pr...	10.845	35.8	ng	12414400	4	11.404	6942160	20.0