LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13R-29.5-30

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_P\Methods\8270E-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007954.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.799	251	257	263	rVB	167778	241087	1.93%	0.214%
2	4.893	268	273	278	rBV	129333	210592	1.69%	0.187%
3	4.999	287	291	296	rVB	157710	222621	1.78%	0.197%
4	5.052	296	300	306	rBV	328033	522312	4.18%	0.463%
5	5.217	324	328	332	rBV	166507	218690	1.75%	0.194%
6	5.305	337	343	352	rVB2	420786	914247	7.32%	0.811%
7	5.434	352	365	378	rVB	3493993	5461069	43.74%	4.843%
8	5.546	378	384	394	rVB4	87205	201607	1.61%	0.179%
9	5.658	394	403	409	rBV3	177694	328130	2.63%	0.291%
10	5.728	409	415	419	rBV3	335653	606832	4.86%	0.538%
11	5.811	424	429	433	rVV	578451	887268	7.11%	0.787%
12	5.875	433	440	447	rVB	352325	693374	5.55%	0.615%
13	5.952	447	453	462	rBV3	227882	387042	3.10%	0.343%
14	6.034	462	467	475	rVB2	105227	191823	1.54%	0.170%
15	6.128	475	483	490	rBV4	783143	1755782	14.06%	1.557%
16	6.187	490	493	496	rVV4	110659	155393	1.24%	0.138%
17	6.252	496	504	509	rVB3	430292	914015	7.32%	0.811%
18	6.346	514	520	527	rBV3	685505	1518354	12.16%	1.347%
19	6.417	527	532	536	rBV	1486325	2180761	17.47%	1.934%
20	6.493	536	545	548	rVV3	1232267	2581584	20.68%	2.289%
21	6.528	548	551	556	rVB	982658	1381965	11.07%	1.226%
22	6.611	561	565	570	rVV3	318426	531094	4.25%	0.471%
23	6.670	570	575	582	rVB4	306186	556348	4.46%	0.493%
24	6.817	595	600	602	rBV	464692	758747	6.08%	0.673%
25	6.852	602	606	611	rVB	1416840	2097317	16.80%	1.860%
26	6.905	611	615	618	rVB2	107339	158571	1.27%	0.141%
27	6.952	618	623	626	rBV2	381901	609128	4.88%	0.540%
28	7.028	626	636	643	rVB2	2872643	6542112	52.40%	5.802%
29	7.134	646	654	657	rBV2	157075	305007	2.44%	0.270%
30	7.175	657	661	667	rVB2	331255	631643	5.06%	0.560%
31	7.234	667	671	675	rBV3	358526	523262	4.19%	0.464%
32	7.275	675	678	680	rBV2	181911	223618	1.79%	0.198%
33	7.311	680	684	686	rVV2	328628	461545	3.70%	0.409%
34	7.340	686	689	694	rVV	721282	1177473	9.43%	1.044%
35	7.411	698	701	714	rVB3	617802	1616630	12.95%	1.434%
36	7.540	714	723	725	rBV4	295488	795426	6.37%	0.705%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

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_P\Methods\8270E-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.575	725	729	734	rVB2	337572	577451	4.63%	0.512%
38	7.622	734	737	740	rVB	145197	157288	1.26%	0.139%
39	7.669	740	745	747	rBV3	324518	537086	4.30%	0.476%
40	7.752	755	759	761	rBV2	432740	657288	5.26%	0.583%
41	7.840	767	774	780	rVB2	2769507	4879924	39.09%	4.328%
42	7.928	782	789	794	rBV3	501890	1009705	8.09%	0.895%
43	7.981	794	798	800	rBV3	140852	234581	1.88%	0.208%
44	8.046	804	809	813	rVV2	811384	1373413	11.00%	1.218%
45	8.081	813	815	817	rVV2	243085	289497	2.32%	0.257%
46	8.140	817	825	832	rVV3	1224114	3053905	24.46%	2.708%
47	8.205	832	836	843	rVB2	403820	660683	5.29%	0.586%
48	8.293	847	851	856	rBV3	306633	481922	3.86%	0.427%
49	8.387	856	867	874	rVV3	874521	2144728	17.18%	1.902%
50	8.446	874	877	882	rVB	676042	920164	7.37%	0.816%
51	8.493	882	885	889	rVB2	127032	158739	1.27%	0.141%
52	8.546	890	894	900	rVB3	247814	401439	3.22%	0.356%
53	8.622	902	907	913	rBV2	420435	827014	6.62%	0.733%
54	8.681	913	917	921	rVB	470607	631131	5.06%	0.560%
55	8.840	935	944	948	rBV4	157441	400703	3.21%	0.355%
56	8.963	954	965	968	rBV3	1094445	2679846	21.46%	2.377%
57	9.011	968	973	977	rVV	1571800	2711858	21.72%	2.405%
58	9.052	977	980	988	rVB5	492502	857879	6.87%	0.761%
59	9.122	988	992	996	rVB4	216390	347943	2.79%	0.309%
60	9.175	996	1001	1003	rBV3	429958	753775	6.04%	0.668%
61	9.340	1013	1029	1034	rBV5	437360	1607491	12.88%	1.426%
62	9.446	1043	1047	1050	rBV3	97991	135623	1.09%	0.120%
63	9.505	1050	1057	1060	rBV2	388967	670509	5.37%	0.595%
64	9.540	1060	1063	1065	rBV	127491	149739	1.20%	0.133%
65	9.740	1092	1097	1100	rBV2	227992	377757	3.03%	0.335%
66	9.781	1100	1104	1108	rVB2	431670	621378	4.98%	0.551%
67	9.834	1108	1113	1122	rVB5	477388	915938	7.34%	0.812%
68	9.922	1122	1128	1129	rBV	299674	500816	4.01%	0.444%
69	10.005	1134	1142	1146	rBV3	230630	348390	2.79%	0.309%
70	10.058	1146	1151	1155	rBV2	409362	720128	5.77%	0.639%
71	10.187	1170	1173	1177	rVB	114006	140169	1.12%	0.124%
72	10.240	1177	1182	1186	rBV6	123720	246718	1.98%	0.219%
73	10.352	1196	1201	1205	rBV	159945	257525	2.06%	0.228%
74	10.434	1210	1215	1220	rVB	271764	446640	3.58%	0.396%
75	10.516	1225	1229	1232	rBV3	97985	149712	1.20%	0.133%
76	10.646	1242	1251	1256	rVB	711109	1367830	10.96%	1.213%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

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_P\Methods\8270E-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.769	1268	1272	1276	rVB3	90423	143006	1.15%	0.127%
78	10.822	1276	1281	1286	rVV	332737	484936	3.88%	0.430%
79	10.875	1286	1290	1298	rVV4	87167	176948	1.42%	0.157%
80	11.687	1423	1428	1437	rBV2	98415	190417	1.53%	0.169%
81	13.110	1662	1670	1683	rBV	4423197	6542160	52.40%	5.802%
82	14.487	1896	1904	1912	rBV	1070440	1587481	12.72%	1.408%
83	15.981	2151	2158	2171	rVB	4474503	6397033	51.24%	5.673%
84	17.240	2364	2372	2382	rBV	1505388	2113332	16.93%	1.874%
85	17.363	2384	2393	2399	rVB2	138342	202117	1.62%	0.179%
86	18.139	2520	2525	2535	rBV	476353	649596	5.20%	0.576%
87	19.375	2730	2735	2743	rBV	238480	339836	2.72%	0.301%
88	19.810	2803	2809	2814	rBV	10252523	12484915	100.00%	11.072%
89	21.051	3016	3020	3027	rBV	440323	594661	4.76%	0.527%
90	21.333	3063	3068	3074	rBV	2464693	3039559	24.35%	2.696%
91	22.598	3279	3283	3291	rVB	377400	516595	4.14%	0.458%
92	23.739	3470	3477	3487	rVB2	1626800	3331162	26.68%	2.954%

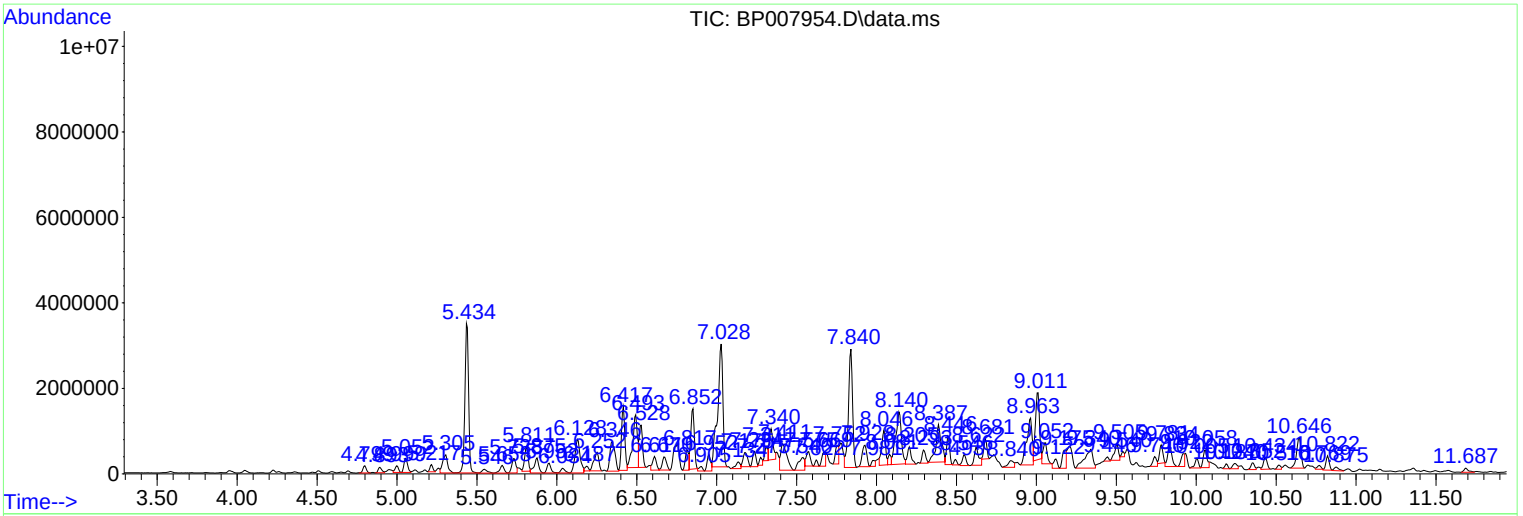
Sum of corrected areas: 112760548

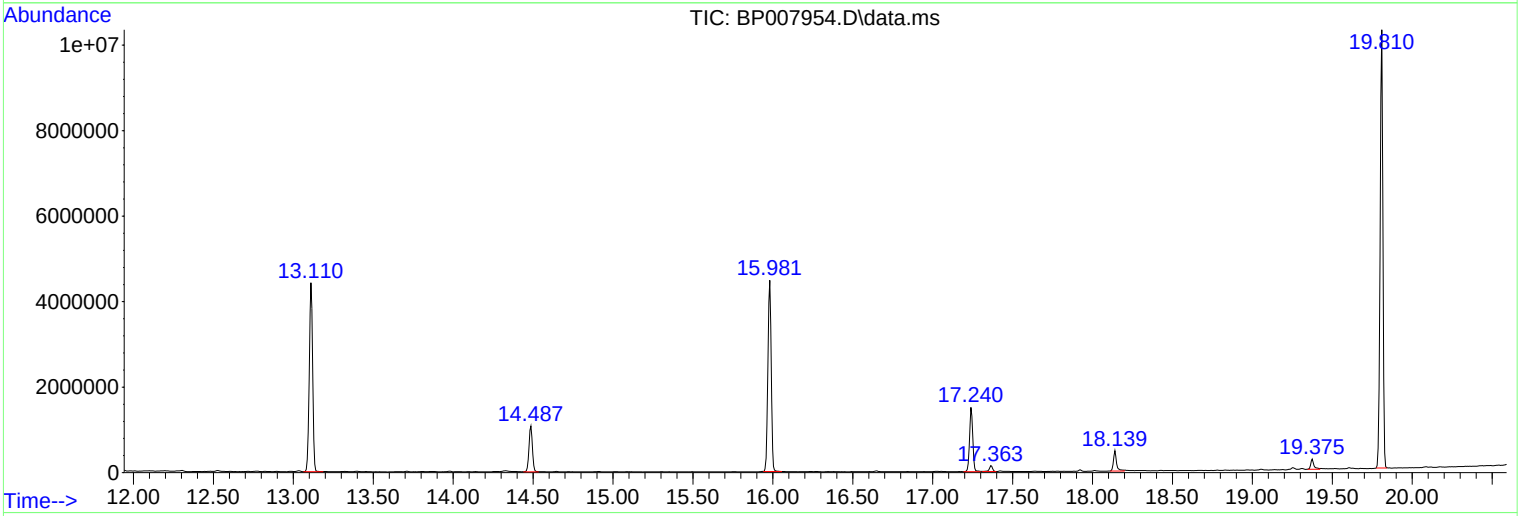
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

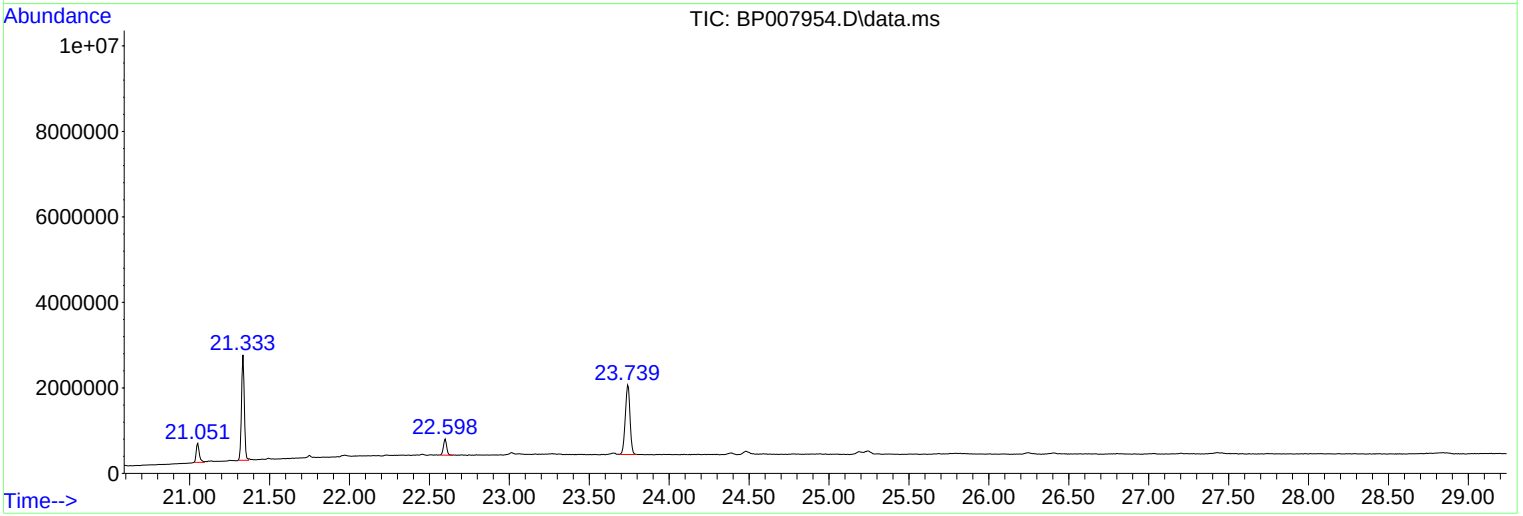
Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

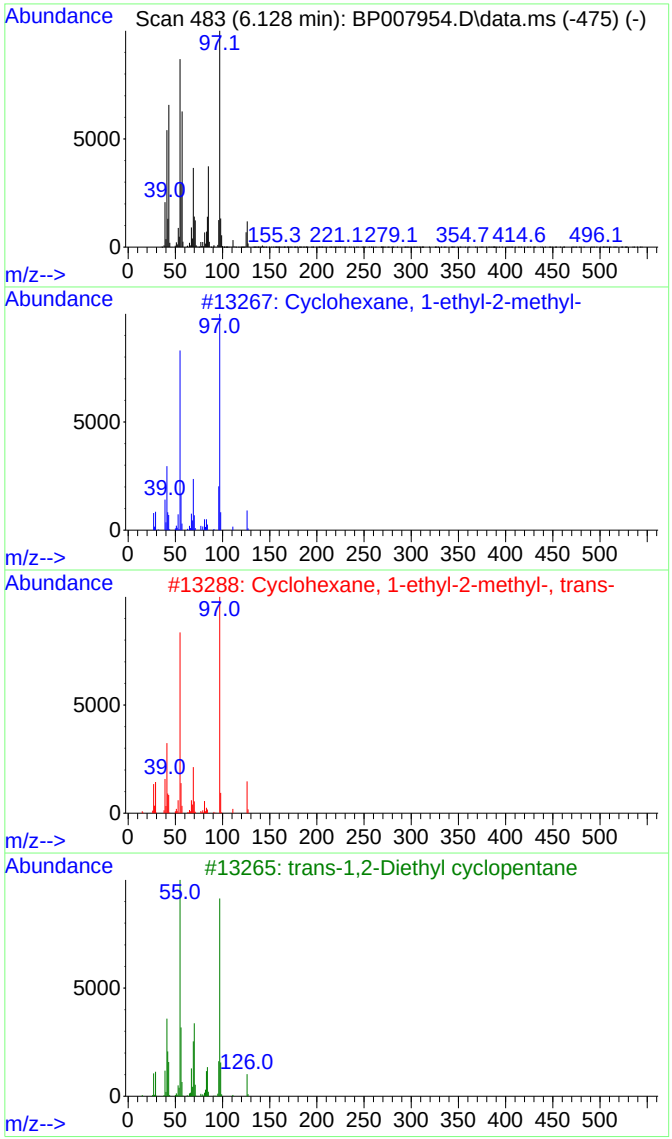
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

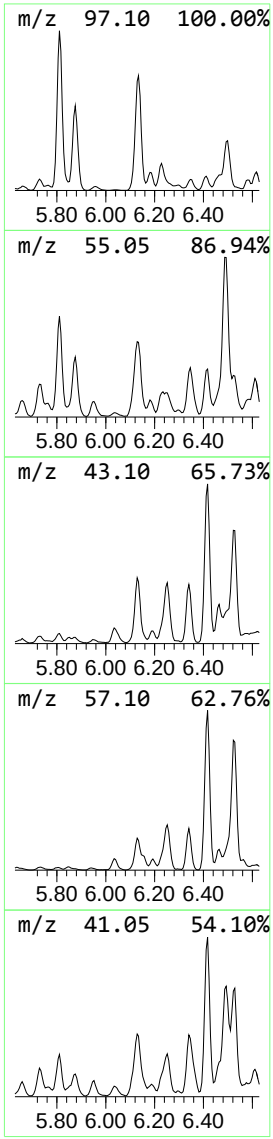
****

Peak Number 1 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.128	7.20 ng	1755780	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	62
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	62
3	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	58
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	58
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

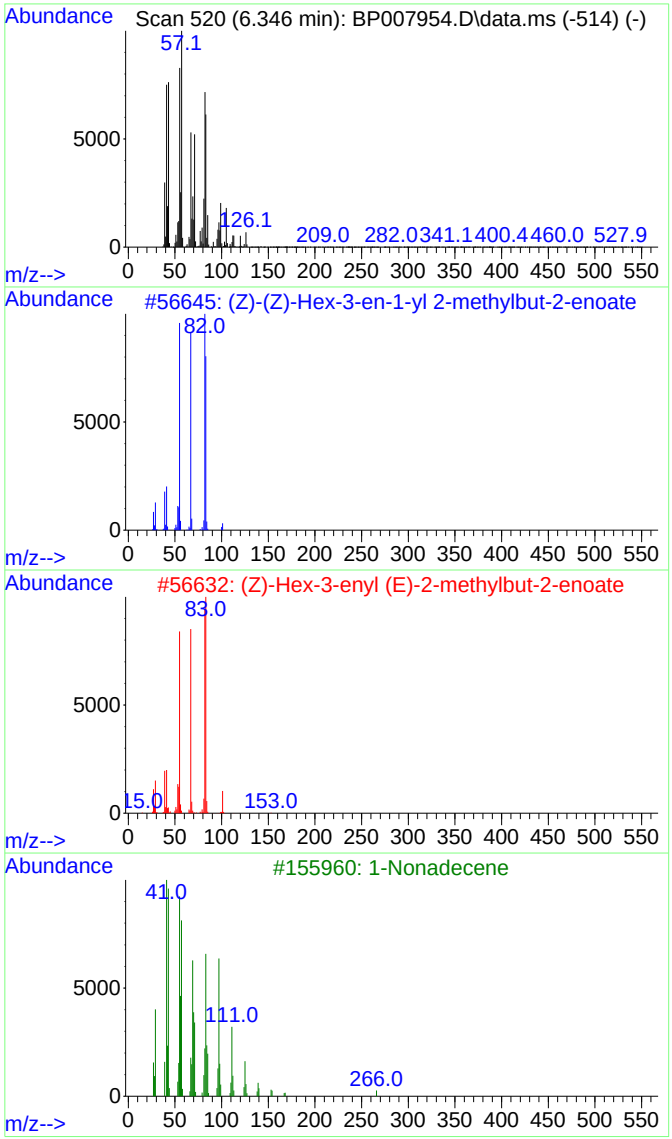
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

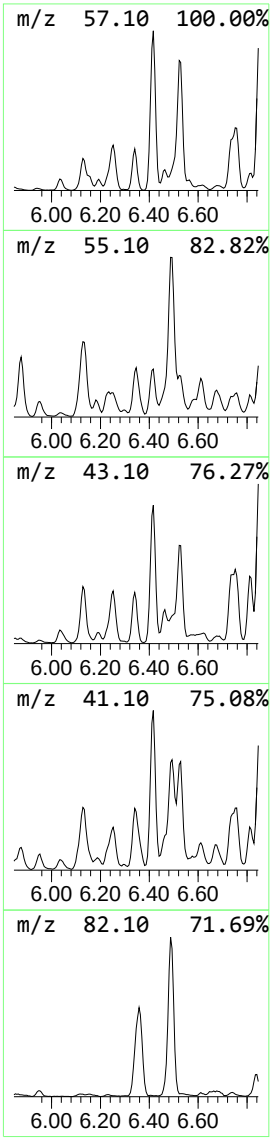
****

Peak Number 2 unknown6.346 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.346	6.22 ng	1518350	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-(Z)-Hex-3-en-1-yl 2-methylbu...	182	C11H18O2	084060-80-0	43
2	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	43
3	1-Nonadecene	266	C19H38	018435-45-5	38
4	Methyl methylphosphonofluoridate	112	C2H6FO2P	000353-88-8	25
5	3-Hexen-1-ol	100	C6H12O	000544-12-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

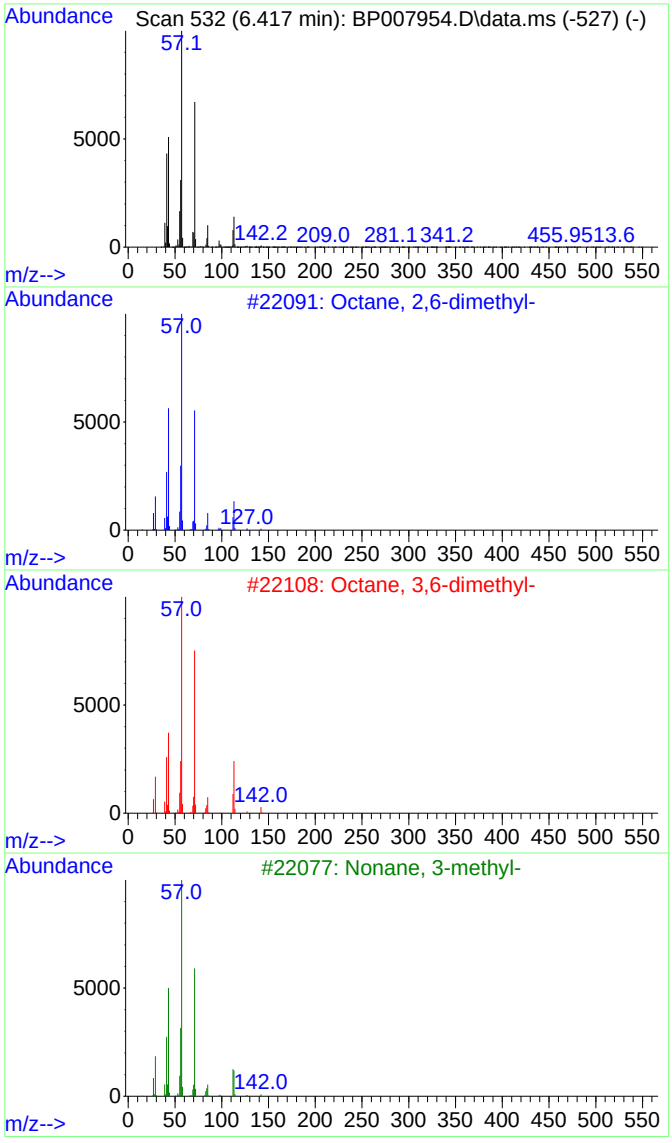
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

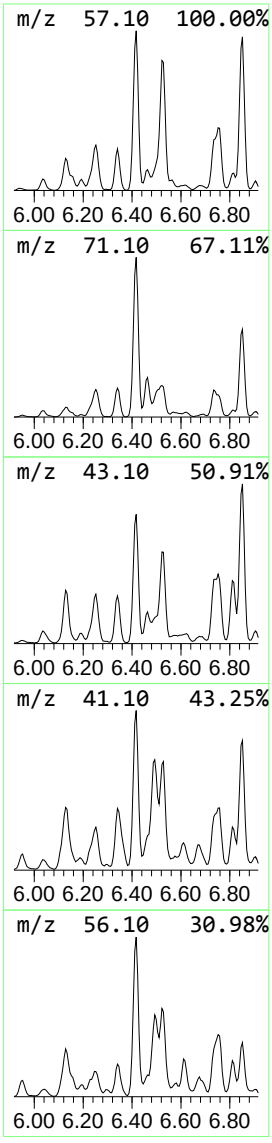
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.417	8.94 ng	2180760	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

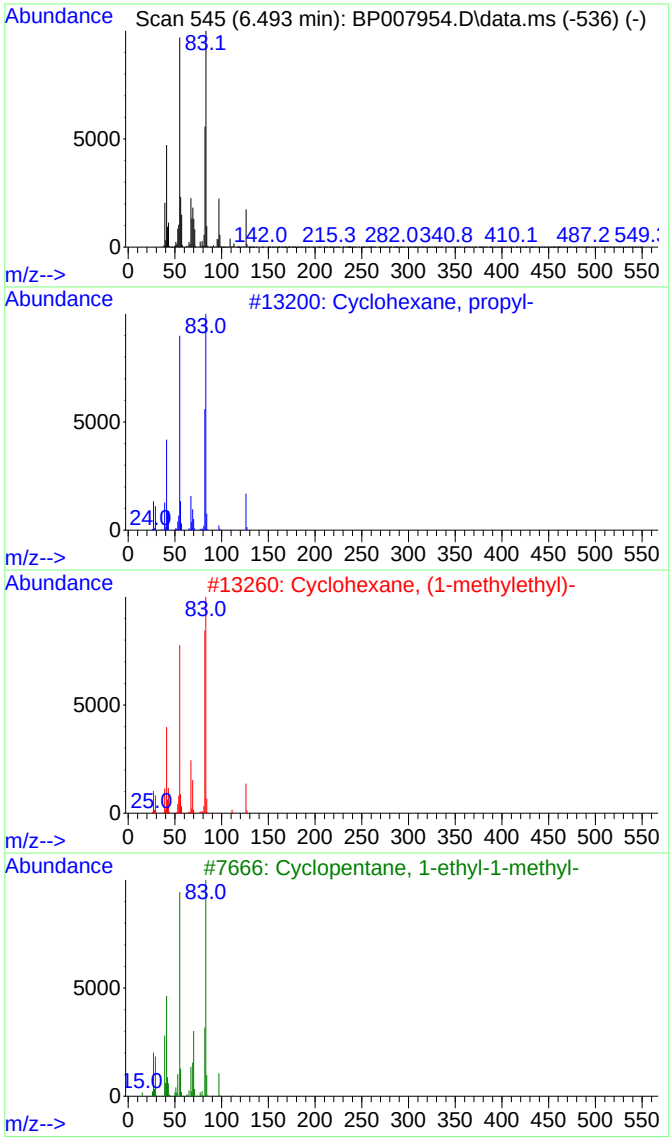
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

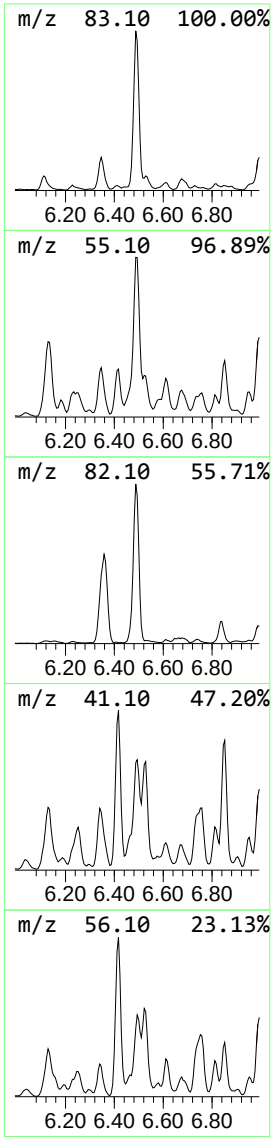
****

Peak Number 4 Cyclohexane, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.493	10.58 ng	2581580	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53
4	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	47
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

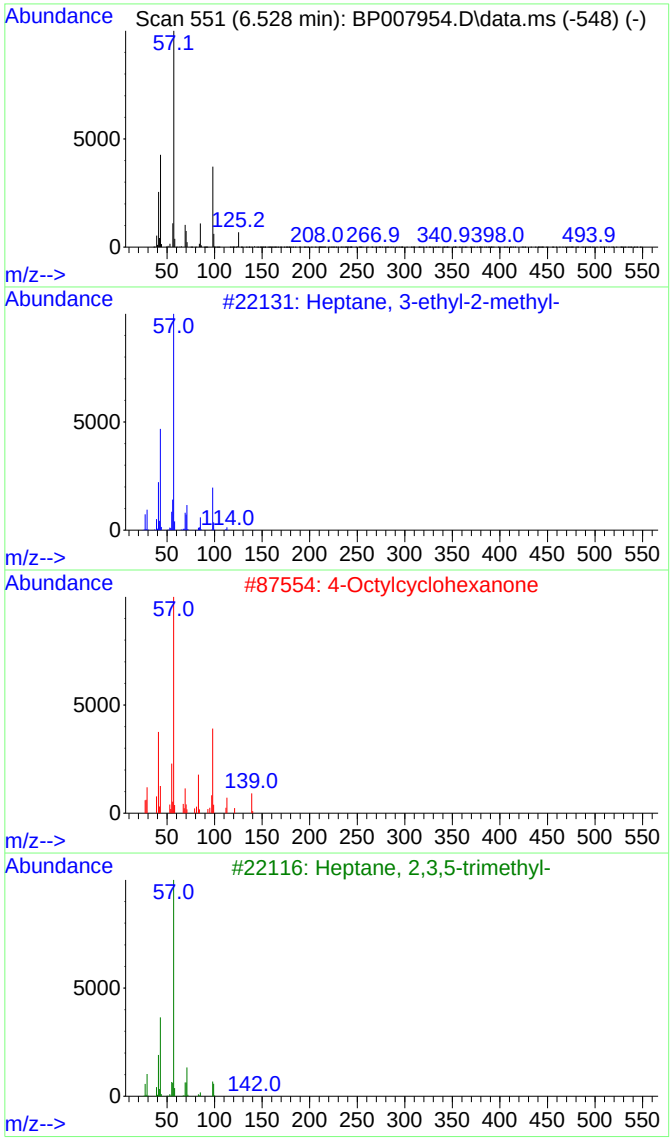
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

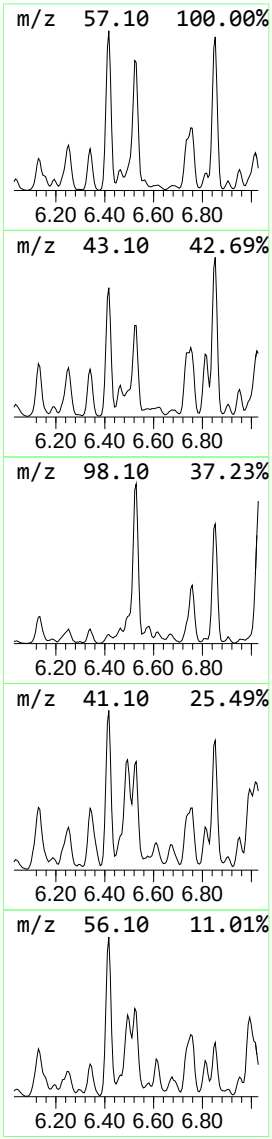
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptane, 3-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.528	5.66 ng	1381970	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
2	4-Octylcyclohexanone	210	C14H26O	1000428-94-1	59
3	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	50
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	47
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

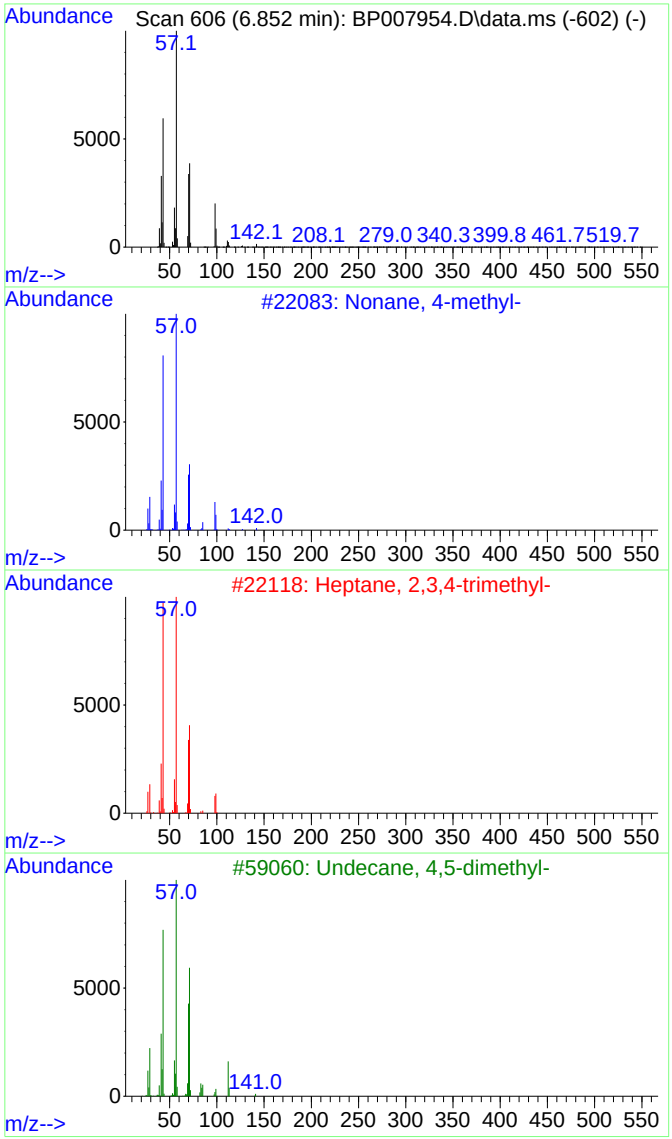
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

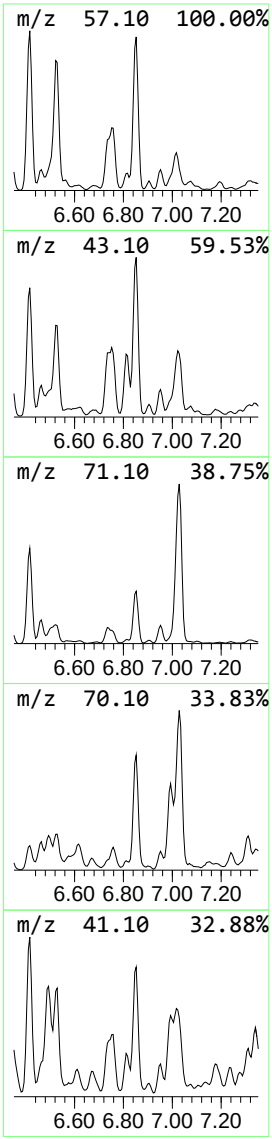
****

Peak Number 6 Nonane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.852	8.60 ng	2097320	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
3	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

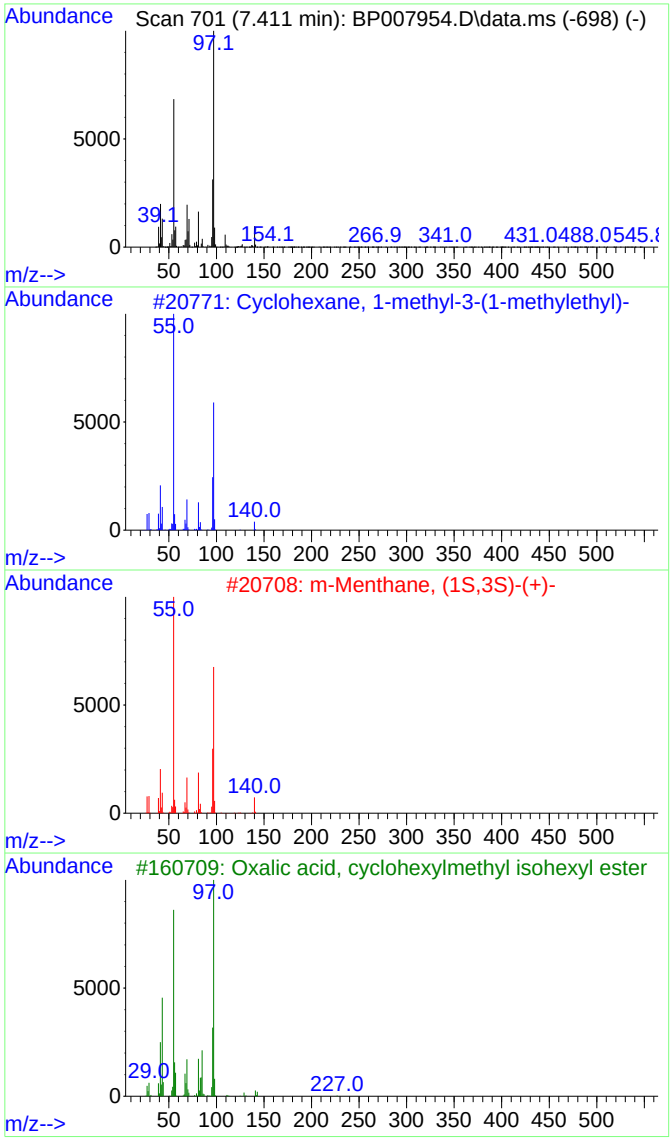
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

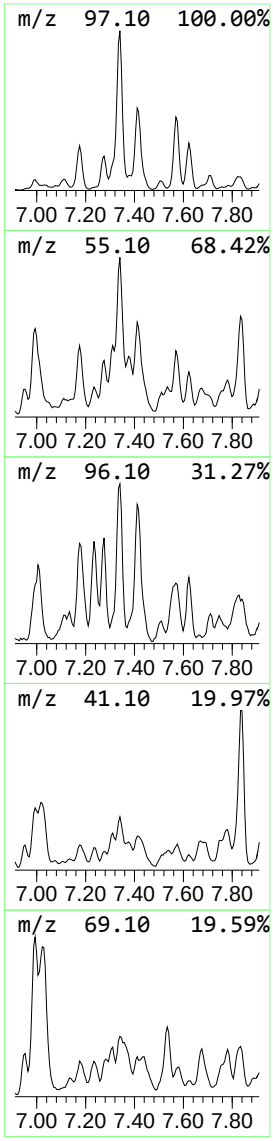
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1-methyl-3-(1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.411	6.63 ng	1616630	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	64
2	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64
3	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	64
4	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	59
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

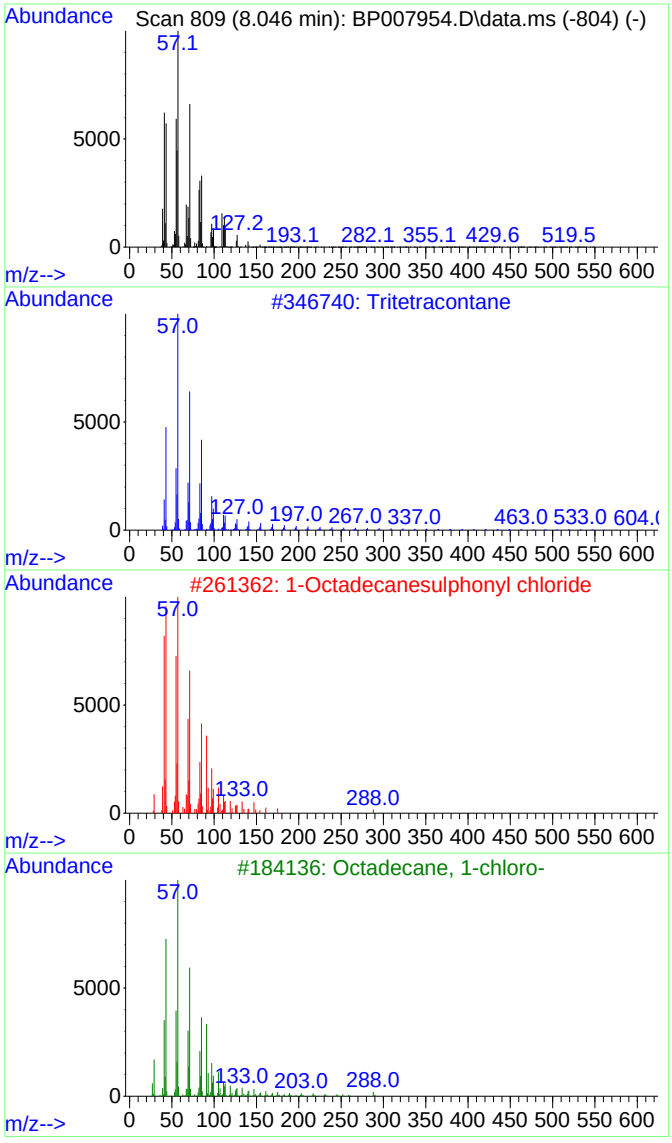
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

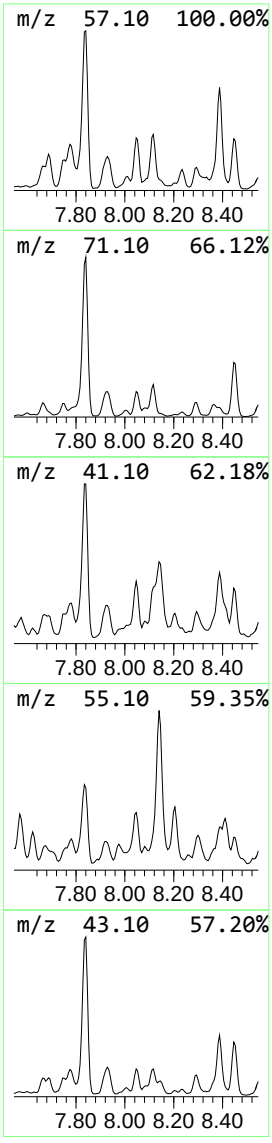
****

Peak Number 8 unknown8.046 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.046	5.63 ng	1373410	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	49
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	43
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43
4	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43
5	cis-2-Nonene	126	C9H18	006434-77-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

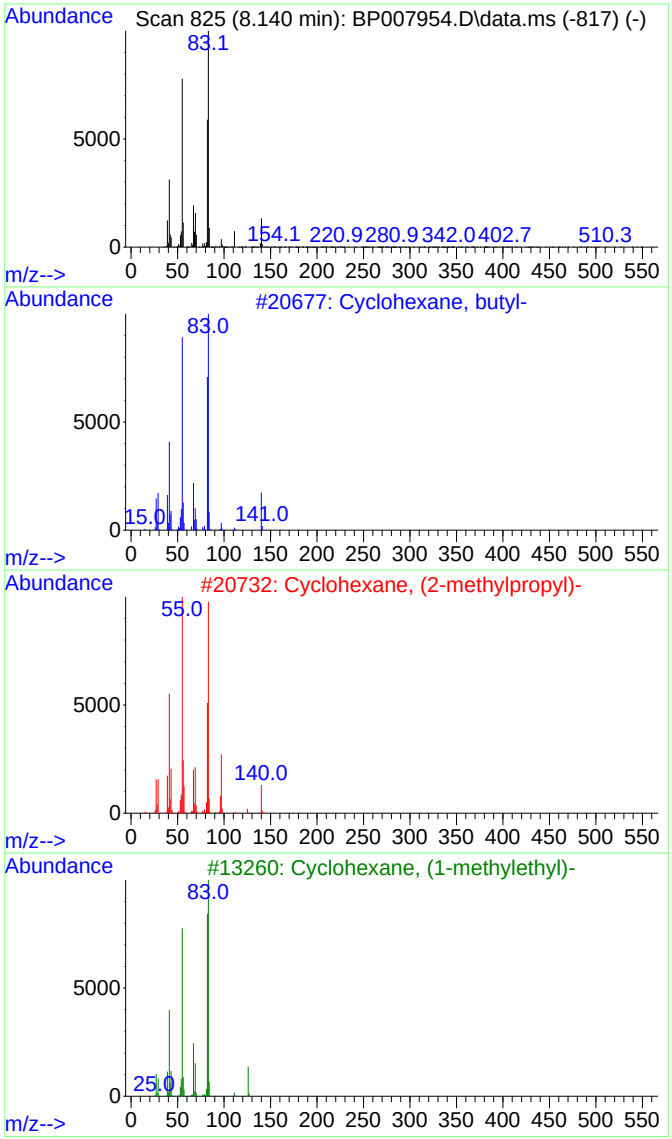
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

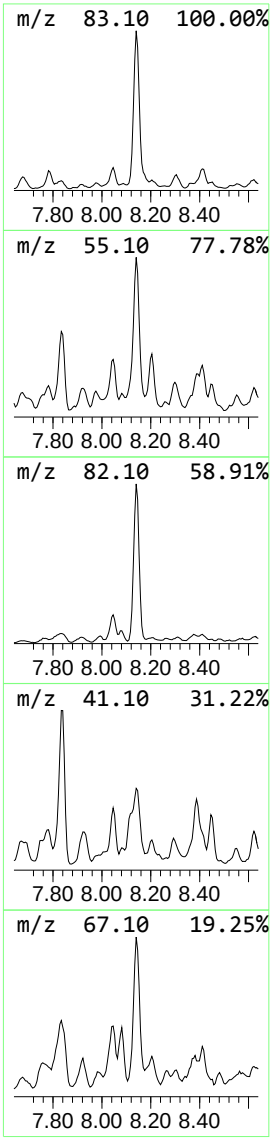
****

Peak Number 9 Cyclohexane, butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.140	12.52 ng	3053910	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	95
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	78
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

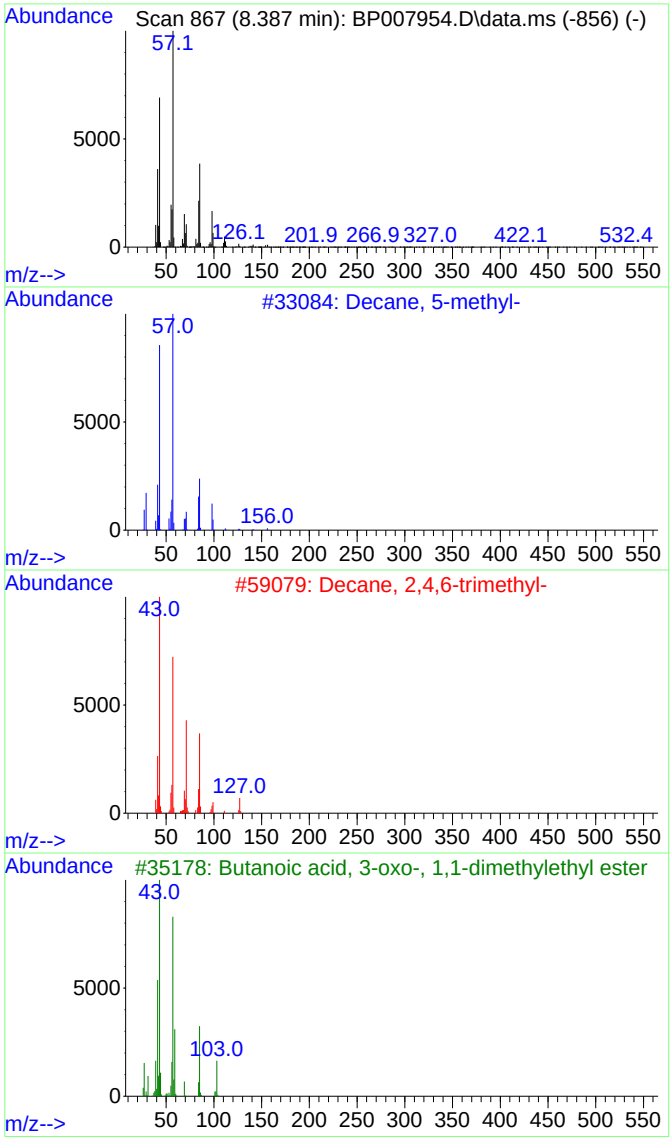
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

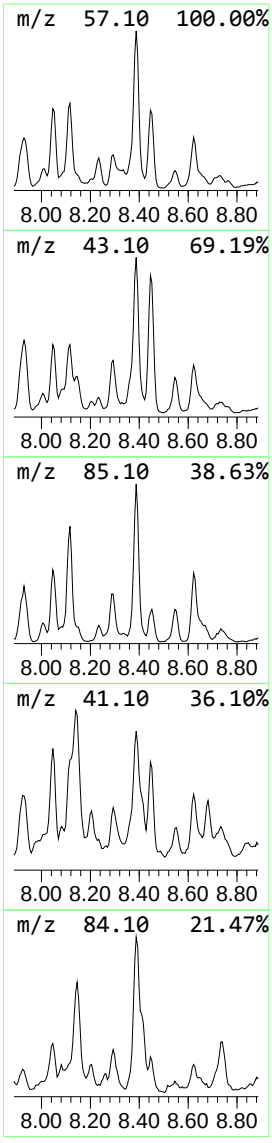
****

Peak Number 10 Decane, 5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.387	8.79 ng	2144730	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	68
2	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	59
3	Butanoic acid, 3-oxo-, 1,1-dimet...	158	C8H14O3	001694-31-1	50
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50
5	Undecane	156	C11H24	001120-21-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

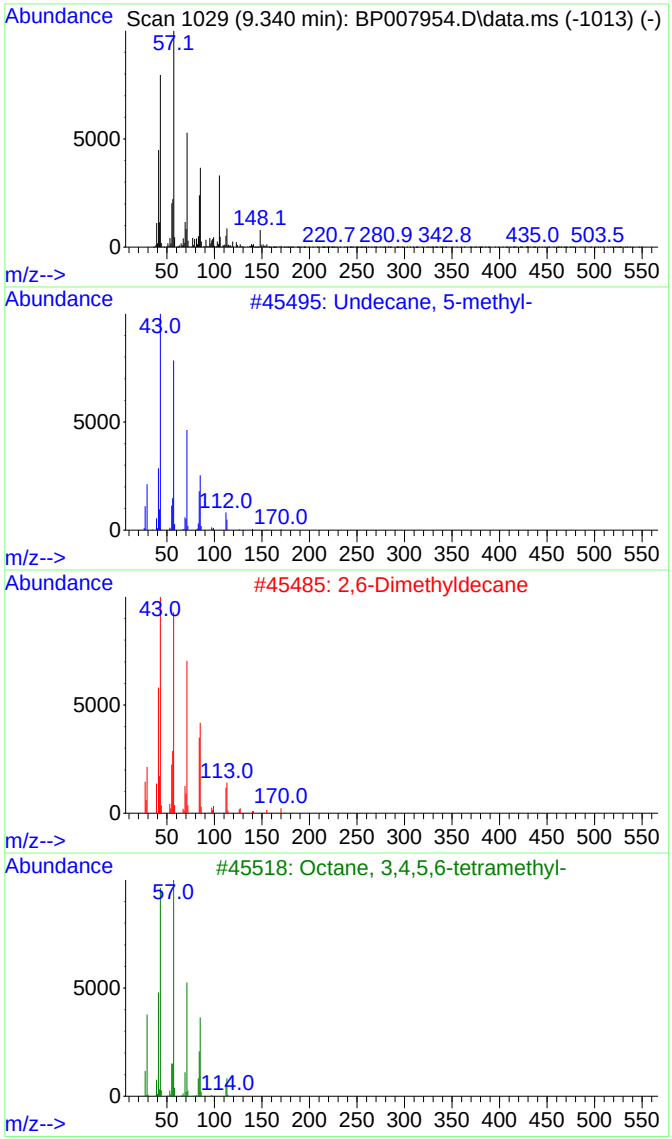
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

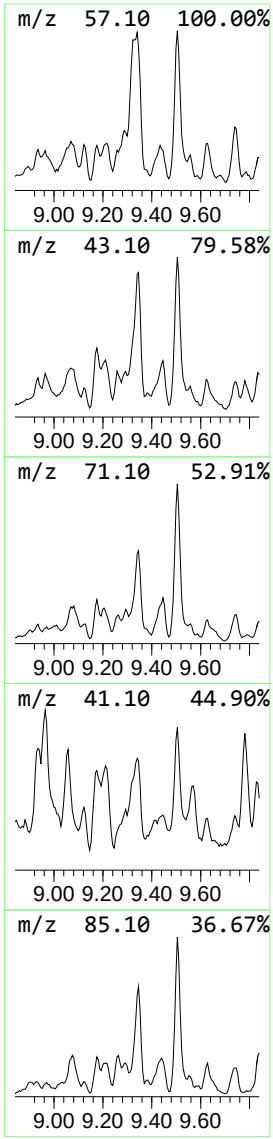
****

Peak Number 11 Undecane, 5-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.340	23.50 ng	1607490	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	76
2	2,6-Dimethyldecane	170	C12H26	013150-81-7	64
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

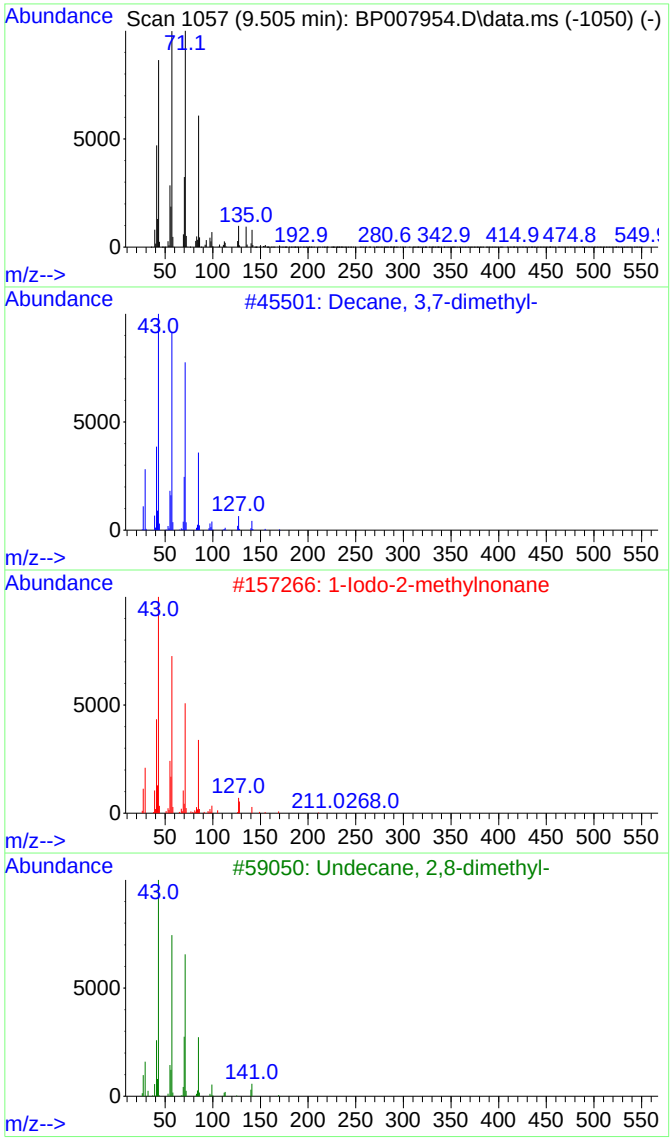
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

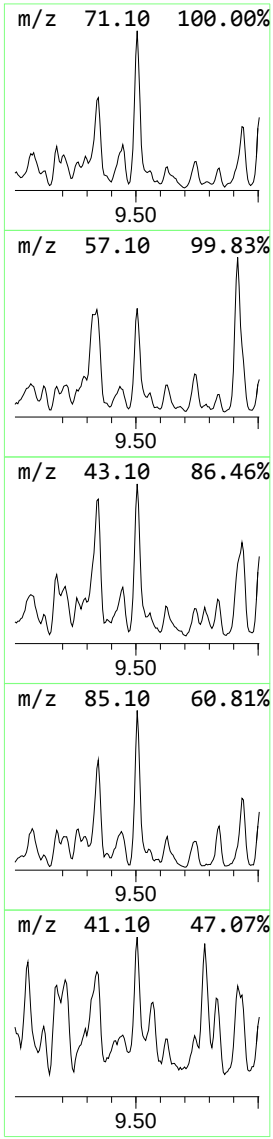
****

Peak Number 12 Decane, 3,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.505	9.80 ng	670509	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	90
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	83
3	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	59
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	59
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

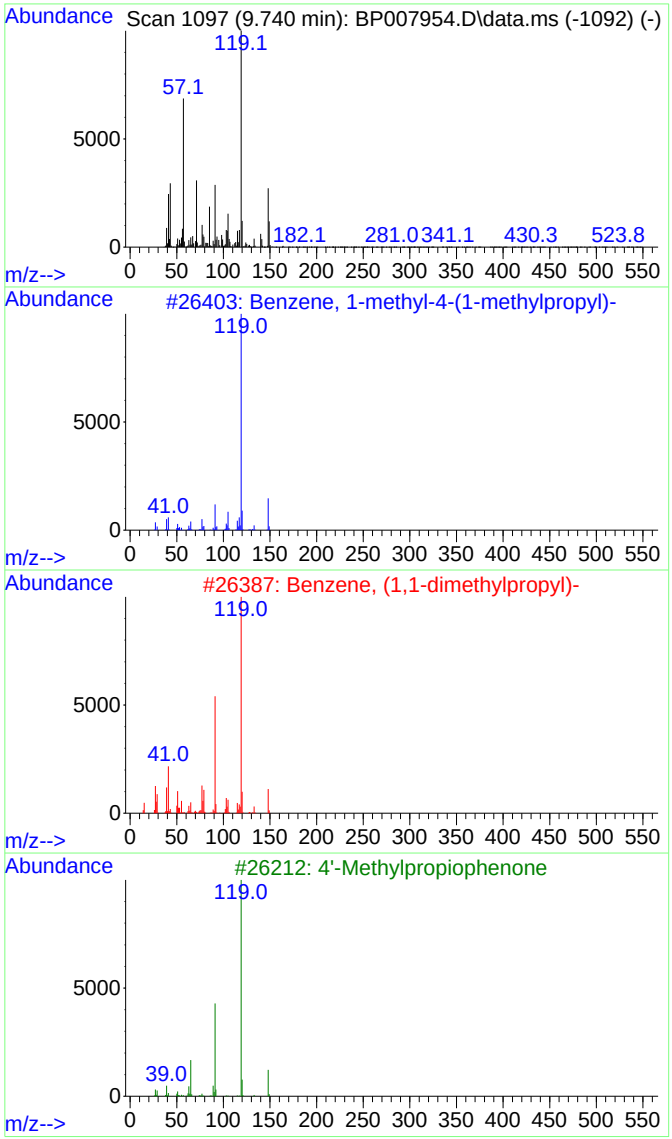
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

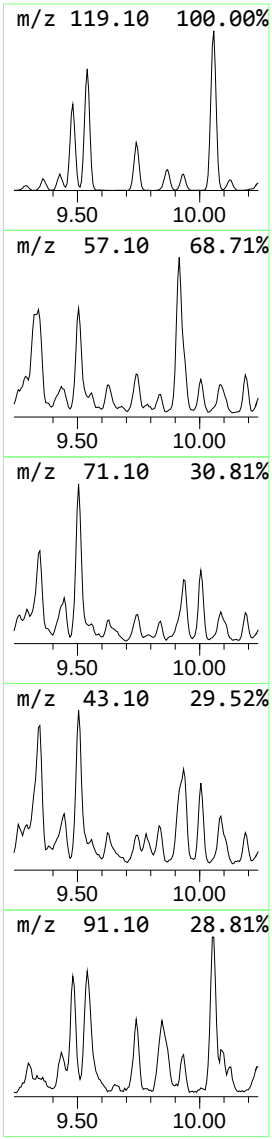
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.740	5.52 ng	377757	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	62
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	58
4	o-Cymene	134	C10H14	000527-84-4	55
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

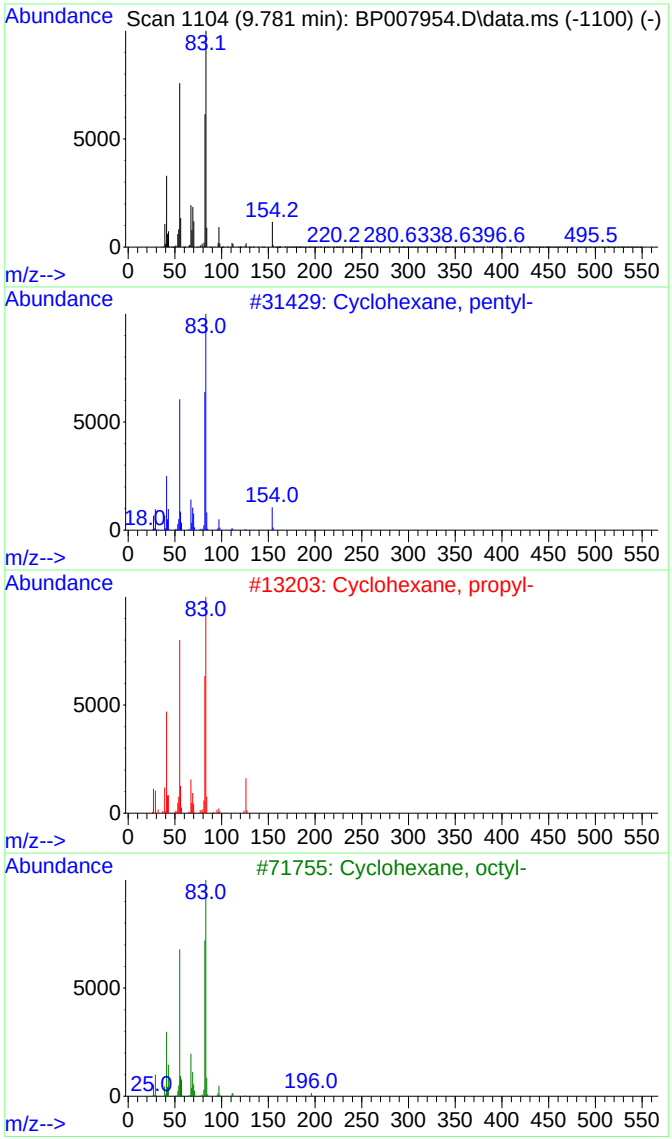
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

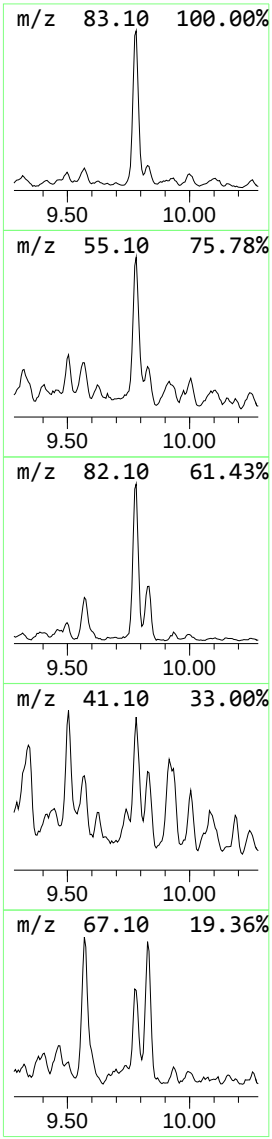
****

Peak Number 14 Cyclohexane, pentyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.781	9.09 ng	621378	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

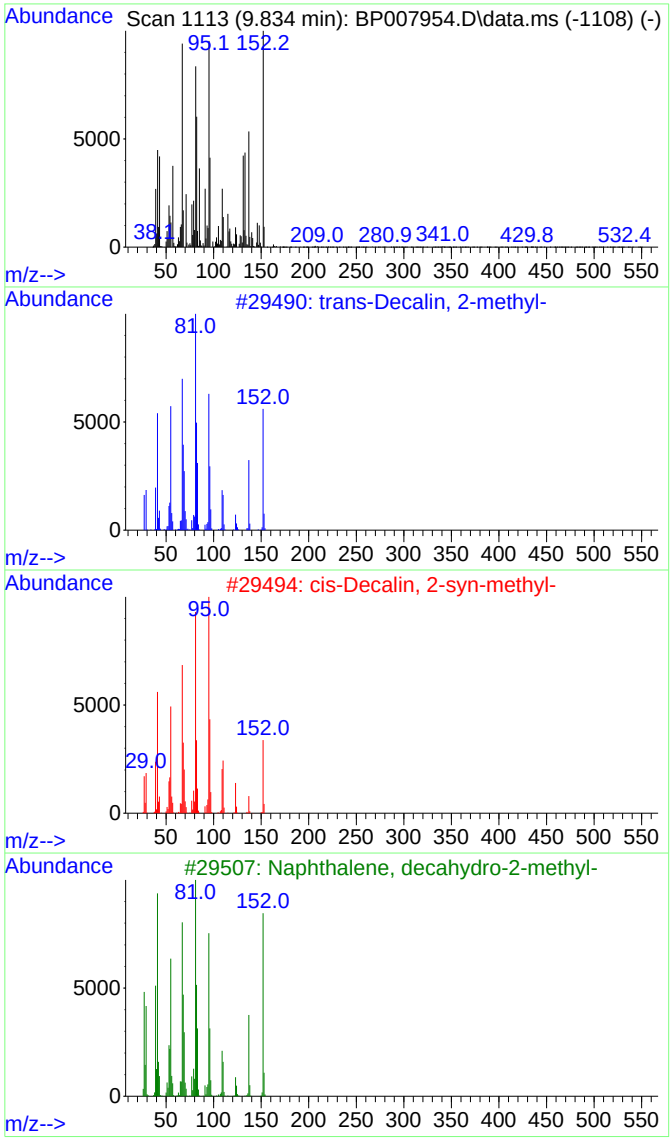
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

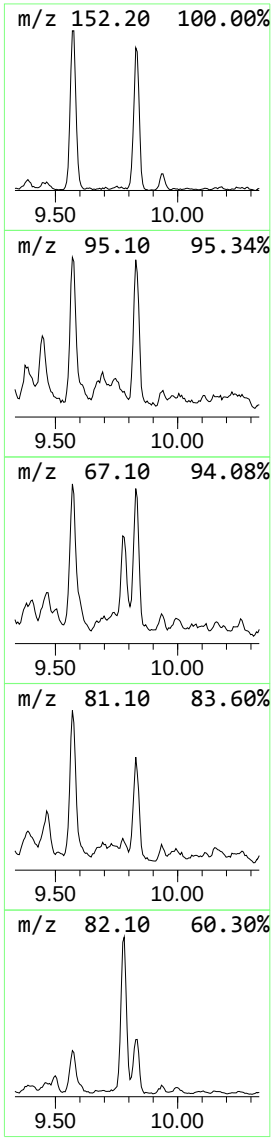
****

Peak Number 15 trans-Decalin, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.834	13.39 ng	915938	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	52
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

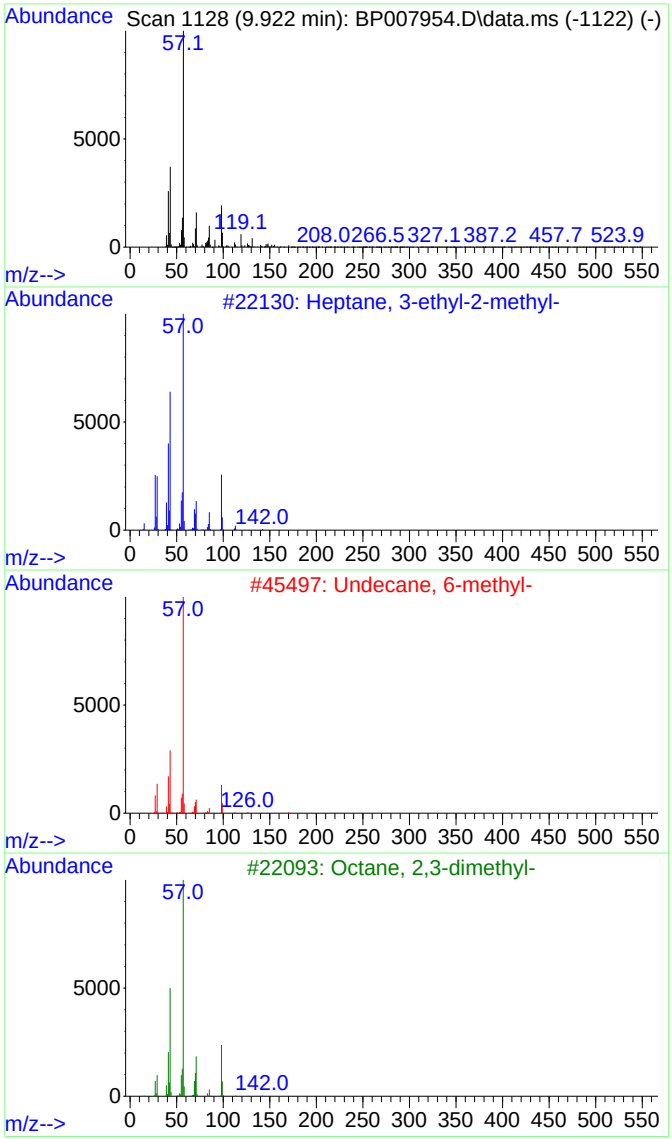
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

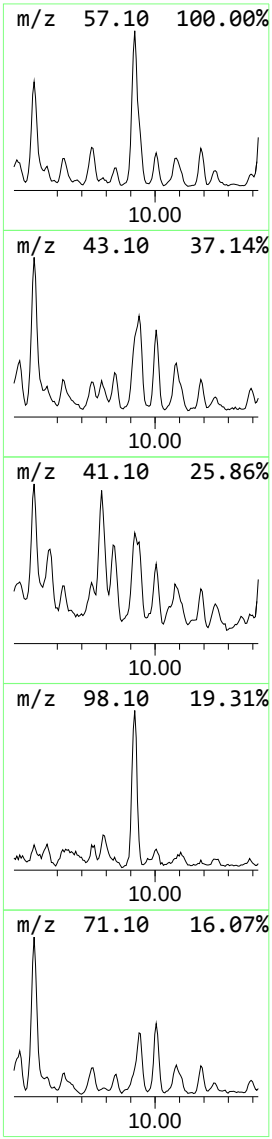
****

Peak Number 16 Undecane, 6-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.922	7.32 ng	500816	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	58
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
4	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	53
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

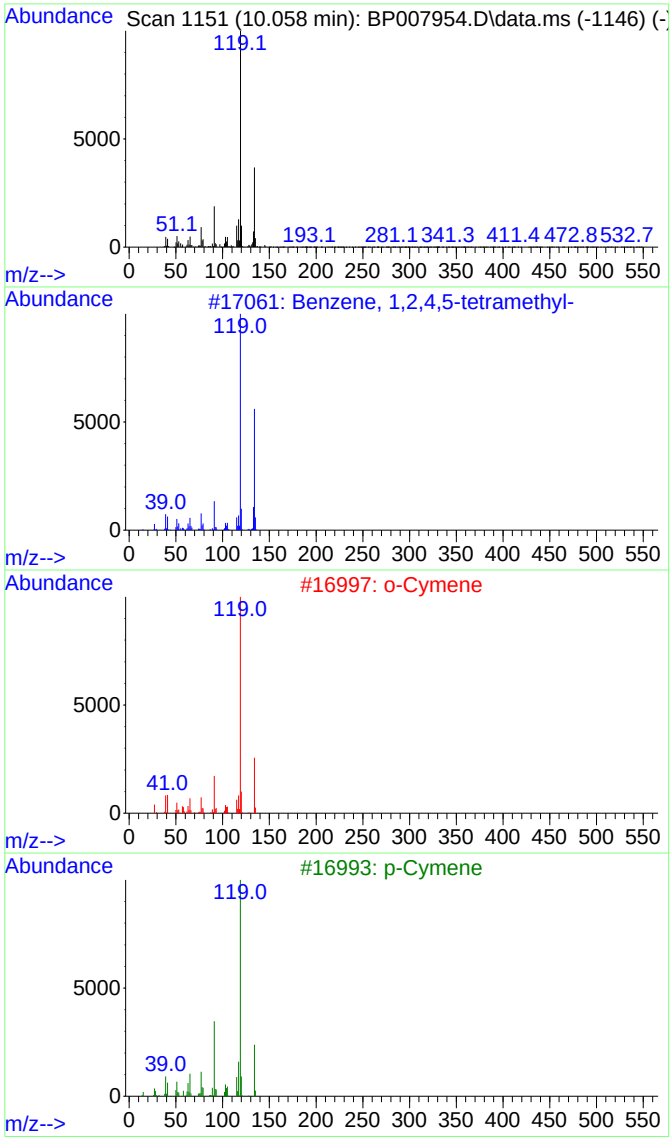
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

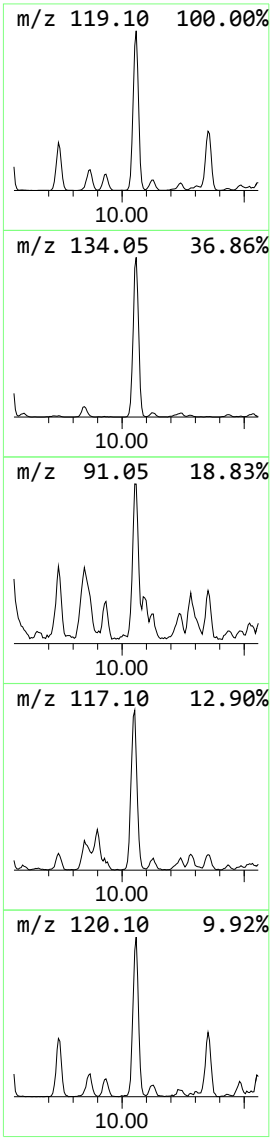
****

Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.058	10.53 ng	720128	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

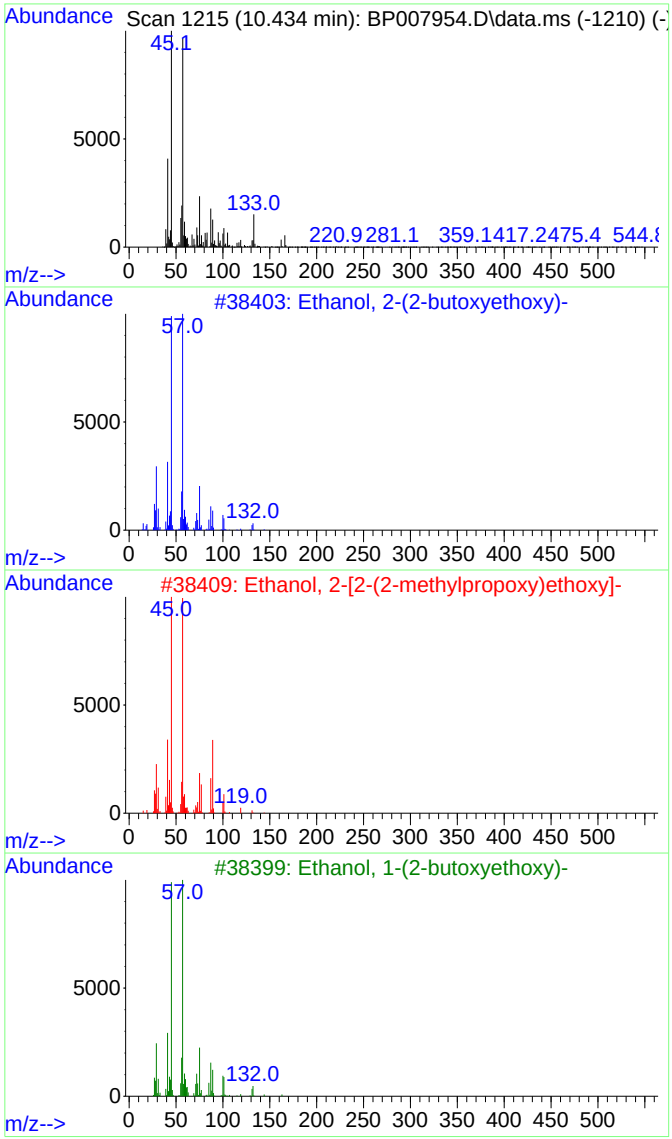
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

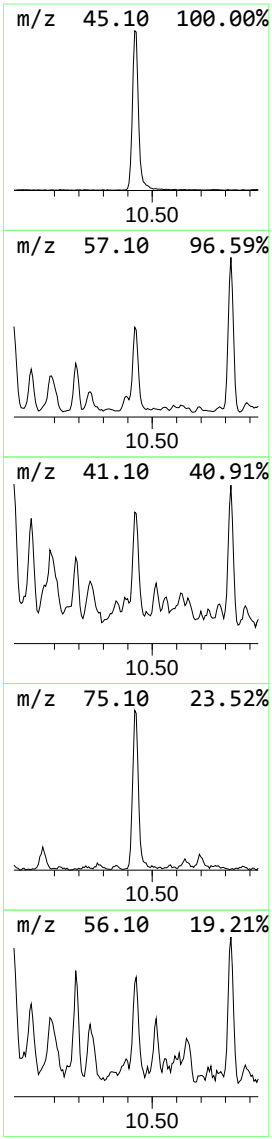
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.434	6.53 ng	446640	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

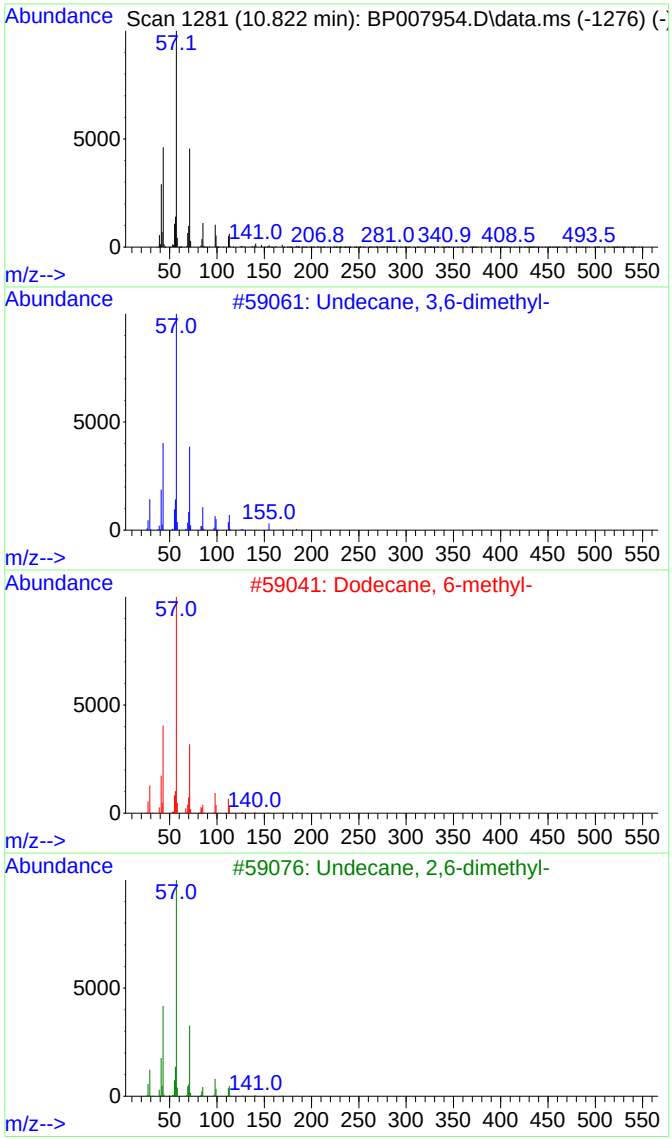
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

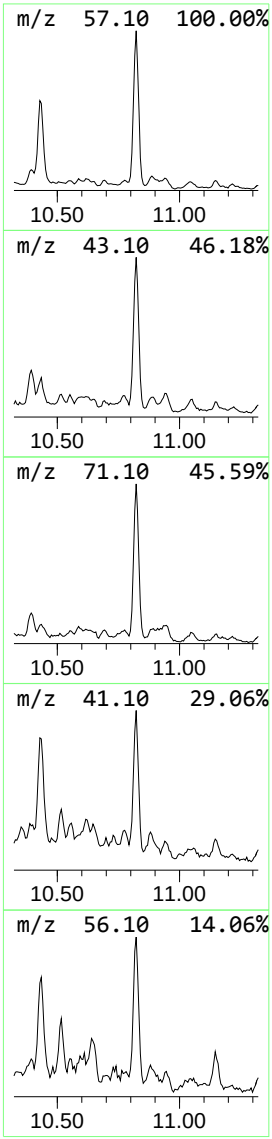
****

Peak Number 19 Undecane, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	7.09 ng	484936	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	94
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	93
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

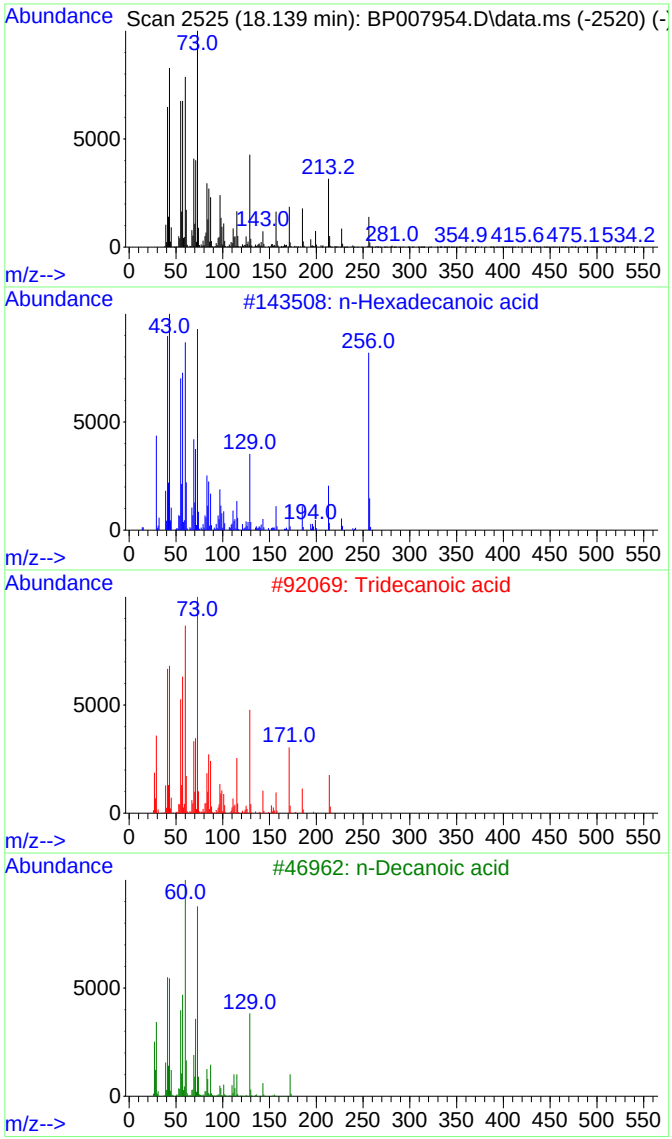
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

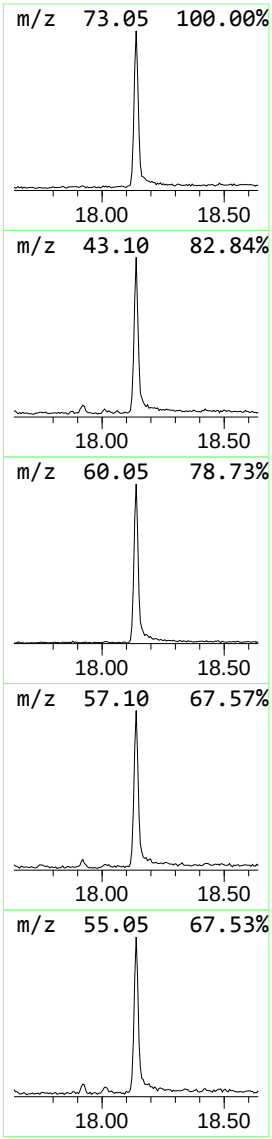
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	6.15 ng	649596	Phenanthrene-d10	17.240

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	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Undecanoic acid	186	C11H22O2	000112-37-8	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007954.D
Acq On : 11 Nov 2021 20:04
Operator : CG/JU
Sample : M4630-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-29.5-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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
Cyclohexane, 1-...	6.128	7.2	ng	1755780	1	7.846	4879920	20.0
unknown6.346	6.346	6.2	ng	1518350	1	7.846	4879920	20.0
Octane, 2,6-dim...	6.417	8.9	ng	2180760	1	7.846	4879920	20.0
Cyclohexane, pr...	6.493	10.6	ng	2581580	1	7.846	4879920	20.0
Heptane, 3-ethy...	6.528	5.7	ng	1381970	1	7.846	4879920	20.0
Nonane, 4-methyl-	6.852	8.6	ng	2097320	1	7.846	4879920	20.0
Cyclohexane, 1-...	7.411	6.6	ng	1616630	1	7.846	4879920	20.0
unknown8.046	8.046	5.6	ng	1373410	1	7.846	4879920	20.0
Cyclohexane, bu...	8.140	12.5	ng	3053910	1	7.846	4879920	20.0
Decane, 5-methyl-	8.387	8.8	ng	2144730	1	7.846	4879920	20.0
Undecane, 5-met...	9.340	23.5	ng	1607490	2	10.646	1367830	20.0
Decane, 3,7-dim...	9.505	9.8	ng	670509	2	10.646	1367830	20.0
Benzene, 1-meth...	9.740	5.5	ng	377757	2	10.646	1367830	20.0
Cyclohexane, pe...	9.781	9.1	ng	621378	2	10.646	1367830	20.0
trans-Decalin, ...	9.834	13.4	ng	915938	2	10.646	1367830	20.0
Undecane, 6-met...	9.922	7.3	ng	500816	2	10.646	1367830	20.0
Benzene, 1,2,4,...	10.058	10.5	ng	720128	2	10.646	1367830	20.0
Ethanol, 2-(2-b...	10.434	6.5	ng	446640	2	10.646	1367830	20.0
Undecane, 3,6-d...	10.822	7.1	ng	484936	2	10.646	1367830	20.0
n-Hexadecanoic ...	18.140	6.2	ng	649596	4	17.240	2113330	20.0