LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000553.D
Acq On : 07 Oct 2019 19:20
Operator : JU
Sample : K5213-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-3(5-10)

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\8270-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.046	323	333	337	rBV2	139675	213293	3.36%	0.140%
2	4.393	386	392	399	rBV4	196049	330823	5.22%	0.218%
3	4.499	402	410	415	rVV2	166018	215049	3.39%	0.141%
4	4.816	460	464	468	rVB	197985	224913	3.55%	0.148%
5	4.910	473	480	486	rVB4	336141	579540	9.14%	0.381%
6	4.969	486	490	493	rBV	426163	485913	7.66%	0.320%
7	5.034	499	501	505	rVB2	149111	161967	2.55%	0.107%
8	5.175	519	525	528	rBV	633757	675707	10.65%	0.444%
9	5.281	542	543	551	rVB3	133545	178278	2.81%	0.117%
10	5.363	551	557	558	rBV2	340671	460276	7.26%	0.303%
11	5.387	558	561	569	rVB	1589455	1620746	25.56%	1.066%
12	5.457	569	573	575	rBV	304061	321803	5.07%	0.212%
13	5.540	583	587	591	rBV2	535540	717343	11.31%	0.472%
14	5.581	591	594	597	rVV	543003	489098	7.71%	0.322%
15	5.622	597	601	603	rVV2	429614	514965	8.12%	0.339%
16	5.640	603	604	607	rVV	296172	226554	3.57%	0.149%
17	5.693	610	613	618	rVB2	300939	310926	4.90%	0.204%
18	5.787	624	629	633	rVB2	899783	1499228	23.64%	0.986%
19	5.840	633	638	641	rBV3	332771	540223	8.52%	0.355%
20	5.928	648	653	656	rVB2	1278068	1396099	22.01%	0.918%
21	5.975	656	661	663	rBV4	438941	616659	9.72%	0.406%
22	5.999	663	665	666	rVV2	247777	217504	3.43%	0.143%
23	6.022	666	669	671	rVV	1877728	1706976	26.92%	1.123%
24	6.040	671	672	676	rVB2	705554	620559	9.79%	0.408%
25	6.081	676	679	681	rBV	854261	824113	12.99%	0.542%
26	6.110	681	684	687	rBV4	351743	478852	7.55%	0.315%
27	6.157	690	692	695	rVB	478030	450697	7.11%	0.296%
28	6.210	695	701	704	rBV4	1240896	1661693	26.20%	1.093%
29	6.252	704	708	710	rBV3	451460	491569	7.75%	0.323%
30	6.275	710	712	714	rVB	658917	442775	6.98%	0.291%
31	6.304	714	717	720	rBV2	2070534	2447551	38.59%	1.610%
32	6.363	725	727	729	rBV	445768	405467	6.39%	0.267%
33	6.404	729	734	736	rBV2	1889010	1987093	31.33%	1.307%
34	6.422	736	737	739	rVB2	536743	208168	3.28%	0.137%

LSC Area Percent Report

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Data File : BP000553.D
Acq On : 07 Oct 2019 19:20
Operator : JU
Sample : K5213-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-3(5-10)

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\8270-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.446	739	741	743	rVB2	1277106	1027385	16.20%	0.676%
36	6.475	743	746	749	rBV3	625537	621292	9.80%	0.409%
37	6.534	749	756	764	rVB4	2276892	4428530	69.83%	2.913%
38	6.628	764	772	775	rBV5	1041315	1417688	22.35%	0.932%
39	6.663	775	778	779	rBV2	393424	415866	6.56%	0.274%
40	6.740	782	791	793	rBV7	1119298	2331264	36.76%	1.533%
41	6.763	793	795	797	rBV	1778499	1494437	23.56%	0.983%
42	6.793	797	800	804	rVB2	2601301	2716398	42.83%	1.786%
43	6.834	804	807	809	rBV3	1367064	1433895	22.61%	0.943%
44	6.863	809	812	815	rBV2	889547	1163534	18.35%	0.765%
45	6.893	815	817	819	rVB2	574693	398568	6.28%	0.262%
46	6.922	819	822	826	rBV	3183869	3004555	47.38%	1.976%
47	6.957	826	828	830	rVB	1403946	1136377	17.92%	0.747%
48	6.981	830	832	833	rBV	342769	218307	3.44%	0.144%
49	7.004	833	836	838	rBV3	858486	903597	14.25%	0.594%
50	7.046	840	843	847	rVB2	1805688	2427515	38.28%	1.596%
51	7.087	847	850	853	rBV3	1376874	1287639	20.30%	0.847%
52	7.116	853	855	859	rBV5	980046	1393774	21.98%	0.917%
53	7.163	860	863	866	rBV	2973652	2714437	42.80%	1.785%
54	7.199	866	869	874	rVB4	1322658	1657744	26.14%	1.090%
55	7.251	876	878	881	rVB3	569550	535234	8.44%	0.352%
56	7.299	881	886	888	rBV4	2685608	3978796	62.74%	2.617%
57	7.375	897	899	902	rVB4	1217956	1088335	17.16%	0.716%
58	7.416	902	906	910	rVB4	3011762	4417941	69.66%	2.906%
59	7.469	910	915	917	rBV5	1593642	2659047	41.93%	1.749%
60	7.493	917	919	923	rVV4	1583066	1740264	27.44%	1.145%
61	7.551	923	929	932	rVV4	2504113	4509427	71.11%	2.966%
62	7.581	932	934	938	rVB2	3899818	3461559	54.58%	2.277%
63	7.616	938	940	942	rBV2	1006625	977619	15.42%	0.643%
64	7.651	942	946	949	rVV2	2772280	3427445	54.04%	2.254%
65	7.681	949	951	952	rVV	1438468	1390059	21.92%	0.914%
66	7.699	952	954	958	rVB3	5090198	6234516	98.31%	4.100%
67	7.746	958	962	964	rBV3	2356020	2757373	43.48%	1.813%
68	7.781	965	968	970	rVV2	837806	744157	11.73%	0.489%
69	7.822	972	975	978	rBV3	1744236	2048425	32.30%	1.347%
70	7.881	983	985	990	rVB3	1657995	2201210	34.71%	1.448%
71	7.928	990	993	995	rBV	2019349	2094061	33.02%	1.377%

LSC Area Percent Report

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Sample : K5213-06 2X
Misc :
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Instrument : BNA_P
ClientSampleId : S-3(5-10)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	7.951	995	997	998	rBV2	874660	766637	12.09%	0.504%
73	7.998	1003	1005	1007	rBV	2193067	1950775	30.76%	1.283%
74	8.051	1010	1014	1016	rBV4	3455178	4929707	77.73%	3.242%
75	8.110	1022	1024	1026	rVB2	2021873	1533224	24.18%	1.008%
76	8.134	1026	1028	1035	rVB3	2787315	3383796	53.36%	2.225%
77	8.187	1035	1037	1039	rVB3	1532591	1072449	16.91%	0.705%
78	8.234	1043	1045	1049	rBV5	1786251	1702089	26.84%	1.119%
79	8.269	1049	1051	1054	rBV	1949818	1910874	30.13%	1.257%
80	8.357	1062	1066	1069	rVB5	3626277	4795107	75.61%	3.154%
81	8.387	1069	1071	1073	rBV2	1789356	1636909	25.81%	1.077%
82	8.416	1073	1076	1078	rVV3	1589362	1373391	21.66%	0.903%
83	8.498	1087	1090	1091	rBV	2425449	2073850	32.70%	1.364%
84	8.575	1100	1103	1105	rBV	2414512	2387145	37.64%	1.570%
85	8.816	1141	1144	1147	rBV3	2770481	2928254	46.17%	1.926%
86	9.140	1197	1199	1206	rVB5	2155039	2454123	38.70%	1.614%
87	9.234	1212	1215	1219	rBV3	2981120	3469717	54.71%	2.282%
88	9.557	1266	1270	1275	rVB3	3698021	6341845	100.00%	4.171%
89	10.169	1370	1374	1376	rBV	3277846	4574662	72.13%	3.009%
90	10.840	1486	1488	1491	rBV	2248325	2587094	40.79%	1.701%

Sum of corrected areas: 152052338

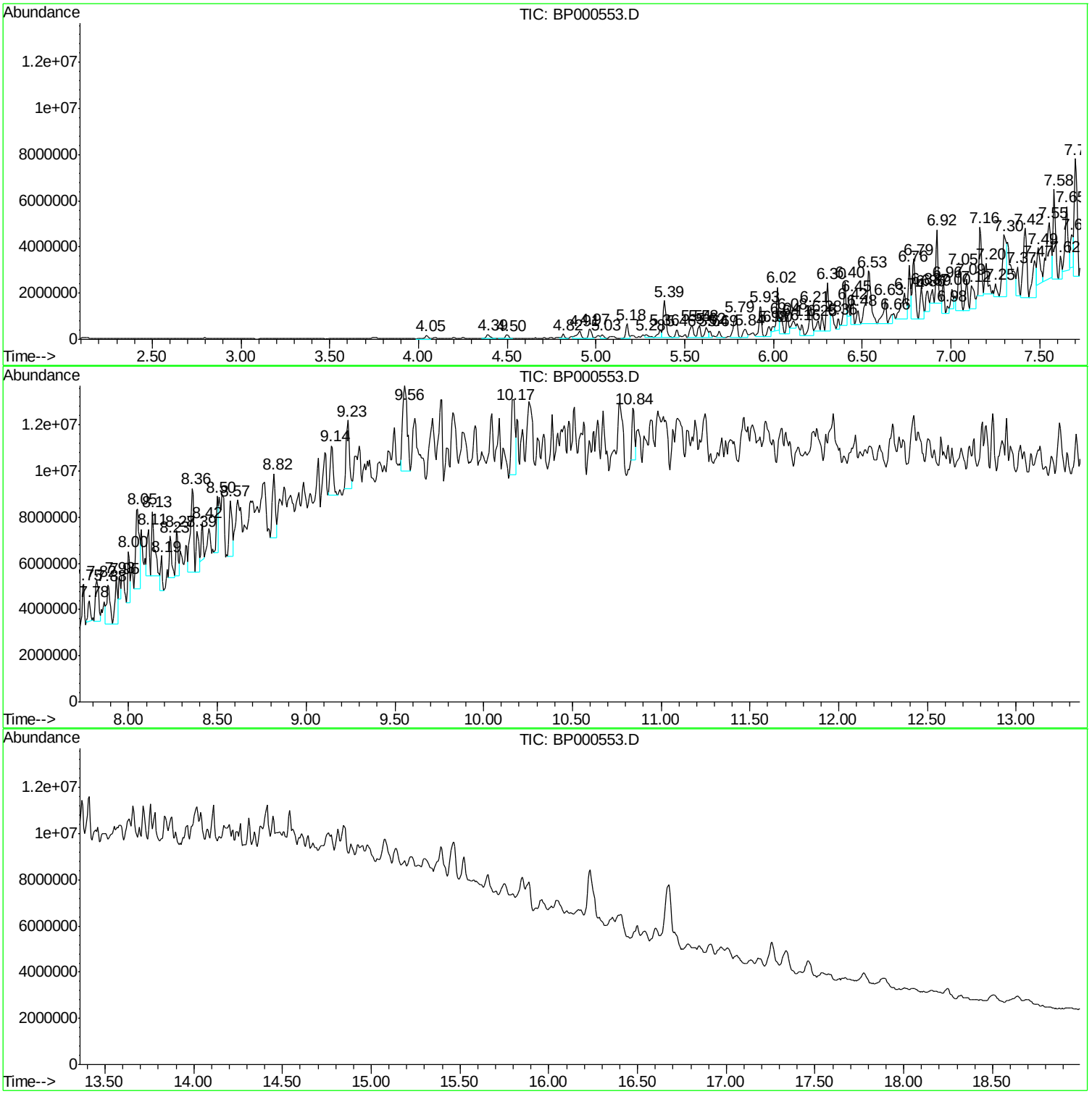
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000553.D
Acq On : 07 Oct 2019 19:20
Operator : JU
Sample : K5213-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-3(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000553.D
Acq On : 07 Oct 2019 19:20
Operator : JU
Sample : K5213-06 2X
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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

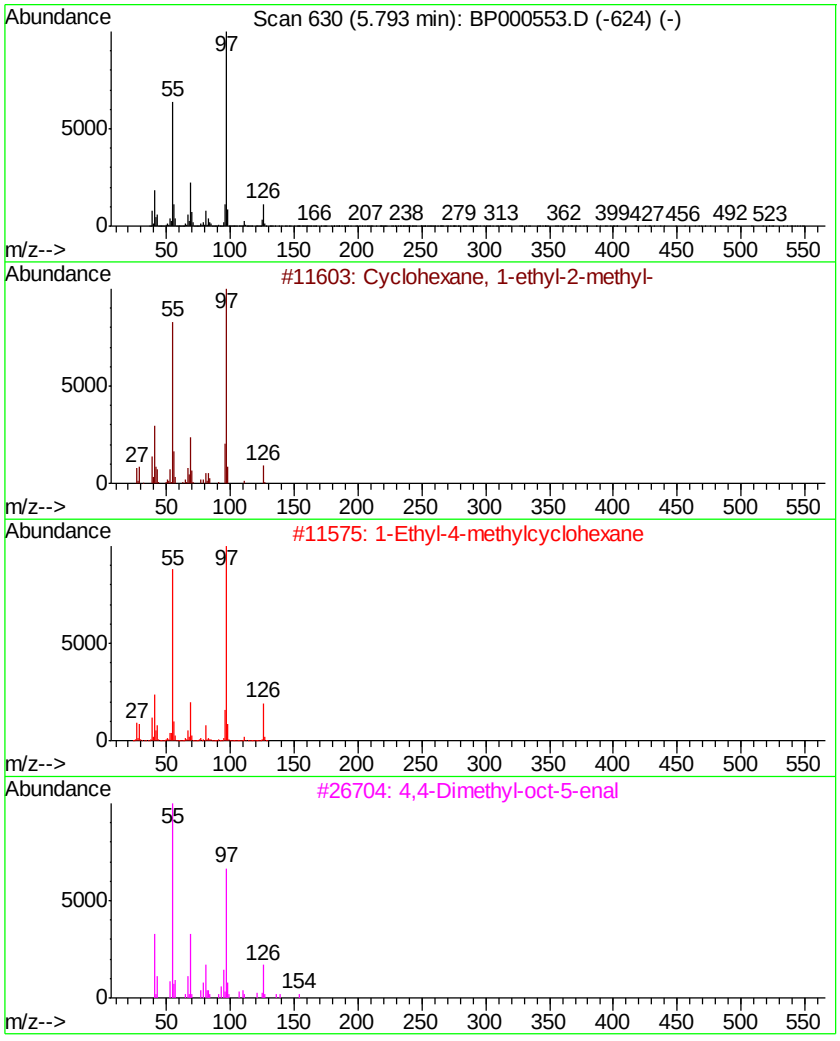
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

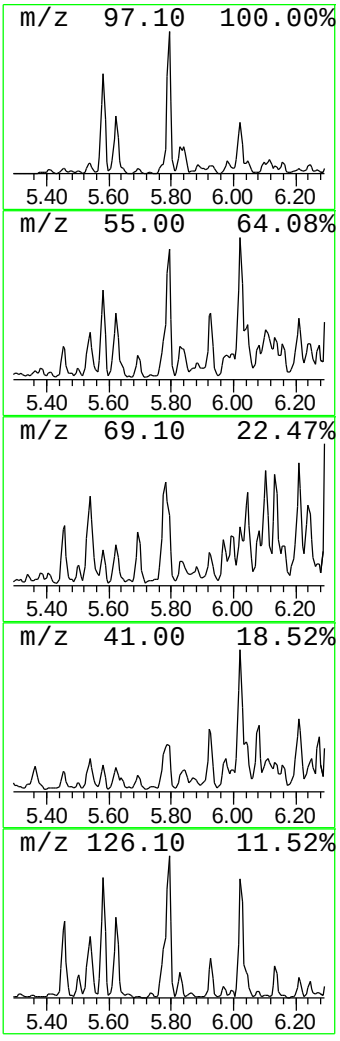
****

Peak Number 1 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	20.06 ng	1499230	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	76
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	62
3	4,4-Dimethyl-oct-5-enal	154	C10H18O	1000143-73-6	62
4	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	59
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	59





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Data File : BP000553.D
Acq On : 07 Oct 2019 19:20
Operator : JU
Sample : K5213-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-3(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

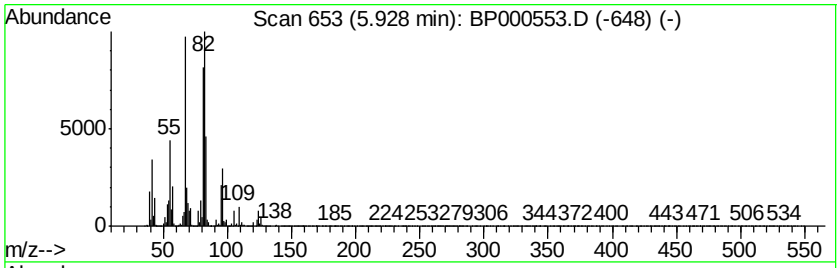
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

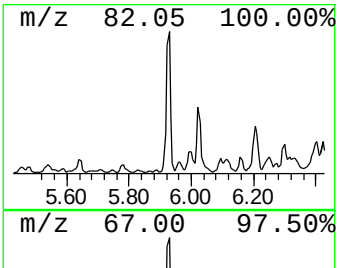
****

Peak Number 2 unknown5.93 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	18.68 ng	1396100	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	43
2	1-Hexadecyne	222	C16H30	000629-74-3	43
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	43
4	cis-3-Hexenyl heptine carbonate	222	C14H22O2	068698-58-8	38
5	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	38





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Misc :
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Instrument : BNA_P
ClientSampleId : S-3(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

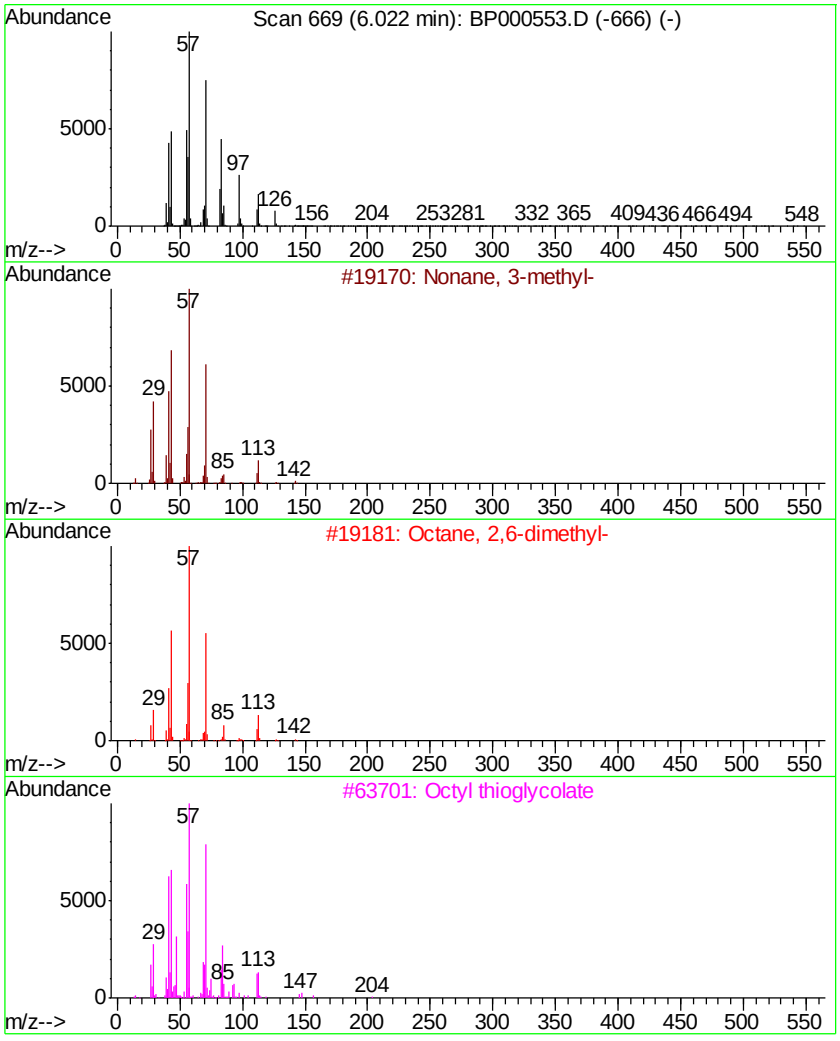
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

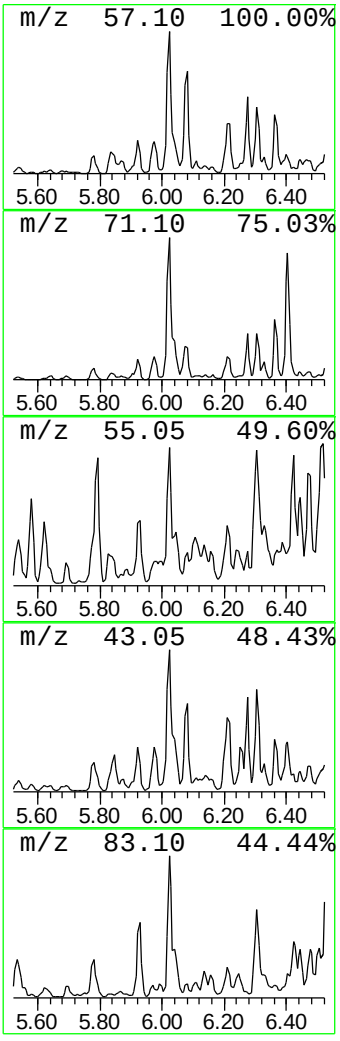
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	22.84 ng	1706980	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3	Octyl thioglycolate	204	C10H20O2S	007664-80-4	50
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	49
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	47





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Misc :
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Instrument : BNA_P
ClientSampleId : S-3(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

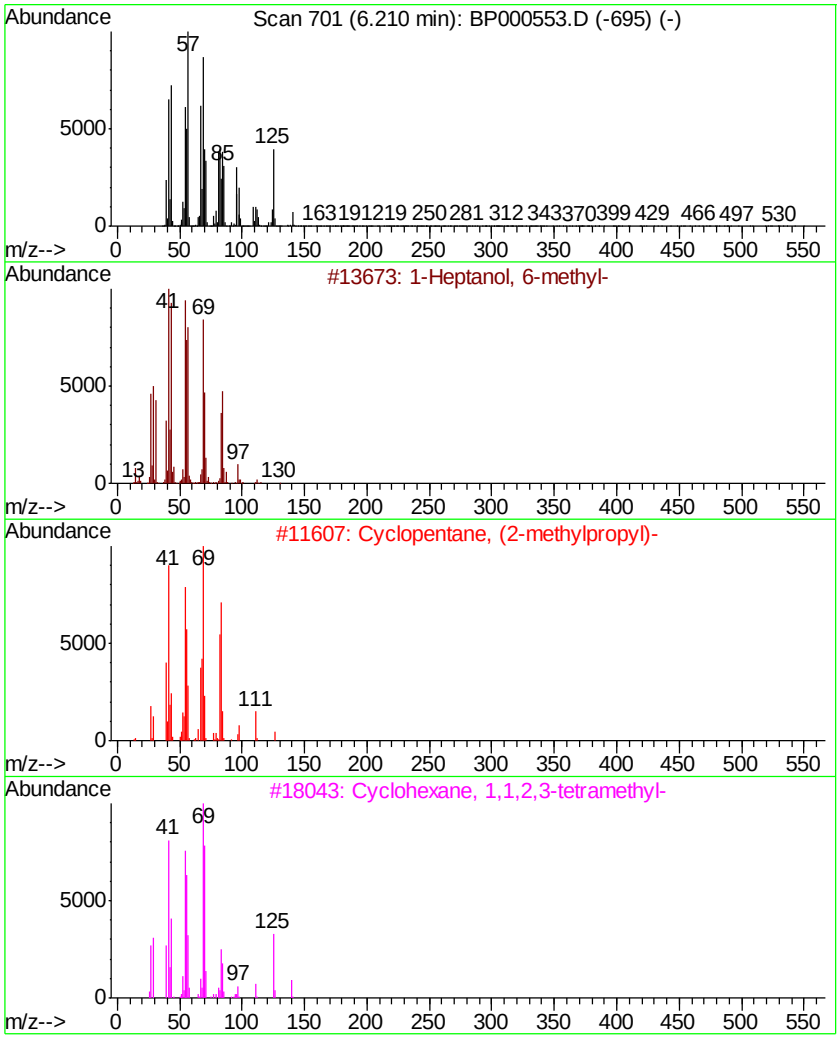
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

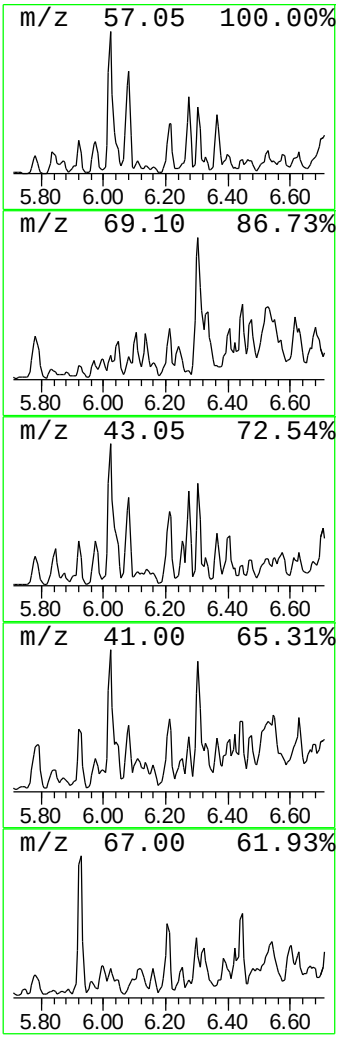
****

Peak Number 4 1-Heptanol, 6-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	22.24 ng	1661690	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	50
2	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43
3	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	38
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	35
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	30





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Sample : K5213-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-3(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

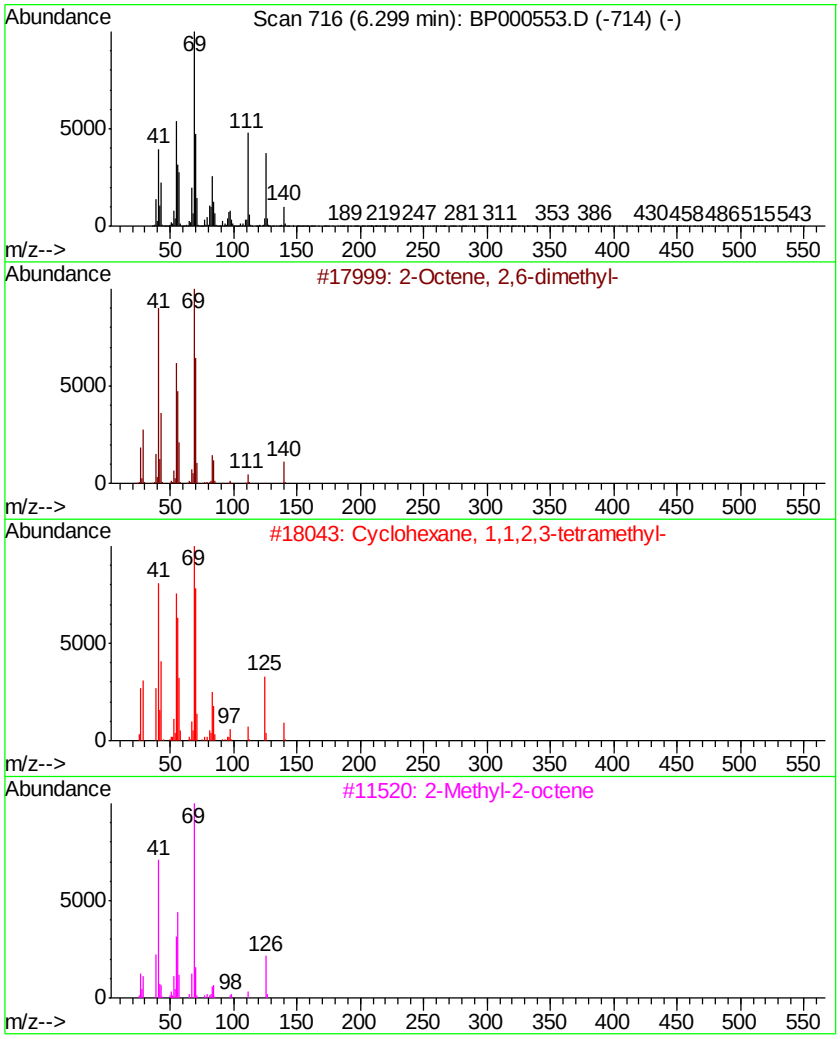
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

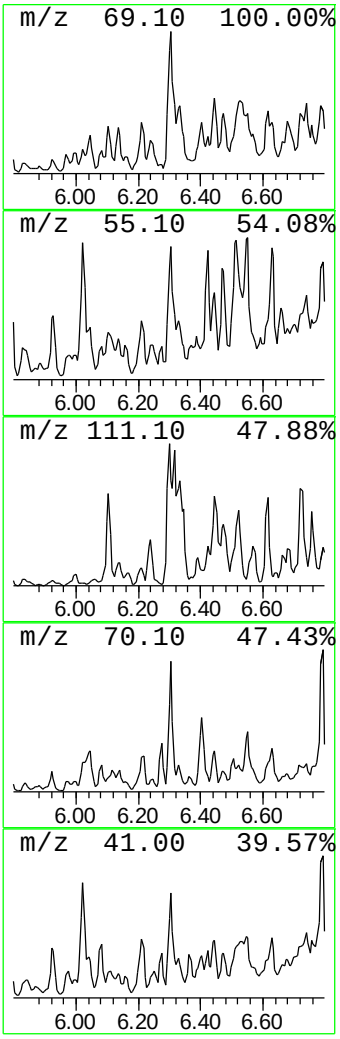
****

Peak Number 5 2-Octene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	32.76 ng	2447550	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	43
3	2-Methyl-2-octene	126	C9H18	016993-86-5	43
4	3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	38
5	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	38





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Sample : K5213-06 2X
Misc :
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Instrument : BNA_P
ClientSampleId : S-3(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

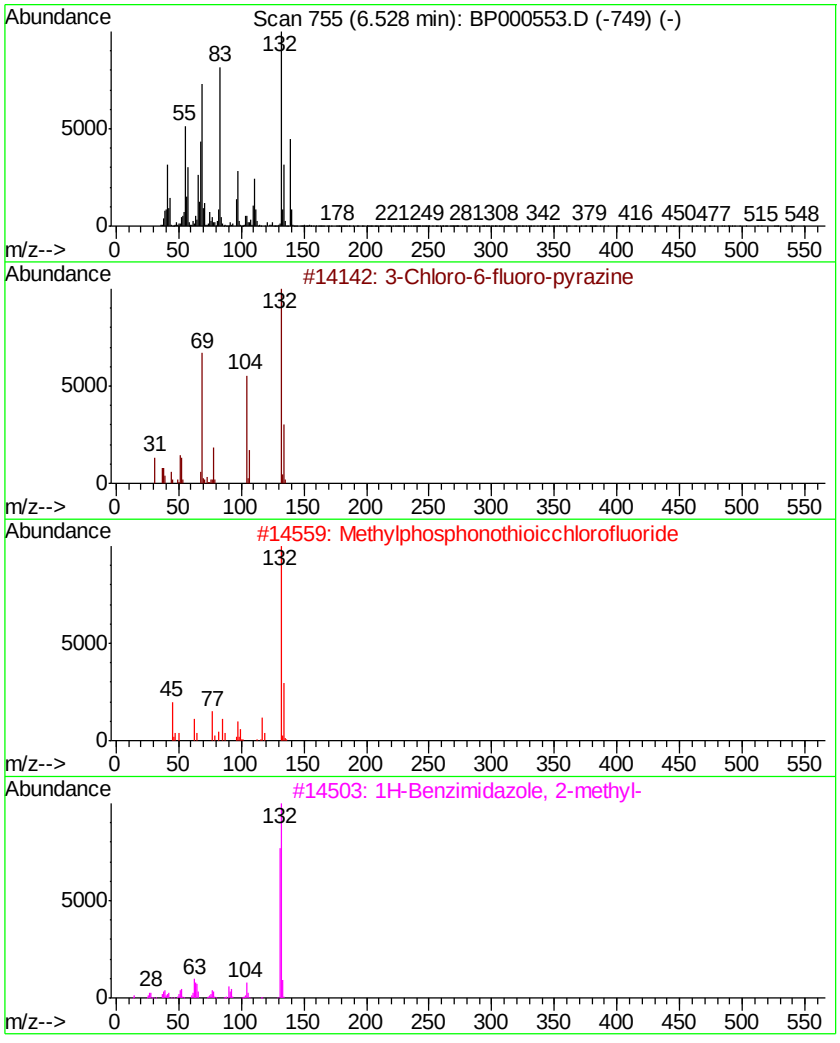
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

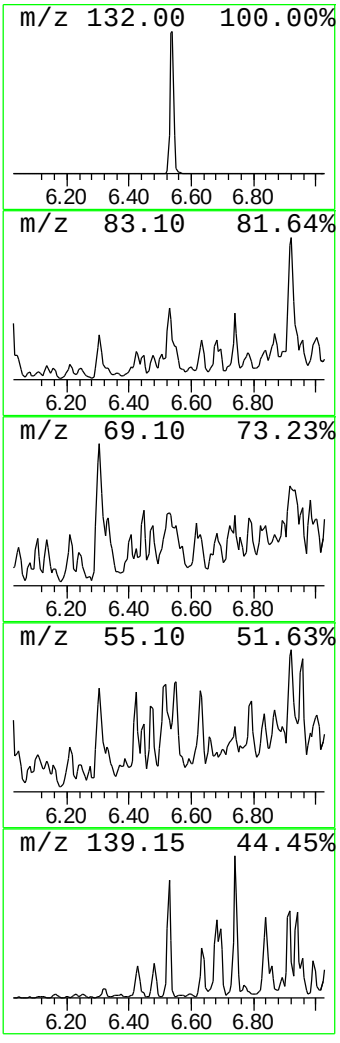
****

Peak Number 6 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	59.27 ng	4428530	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Acq On : 07 Oct 2019 19:20
Operator : JU
Sample : K5213-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-3(5-10)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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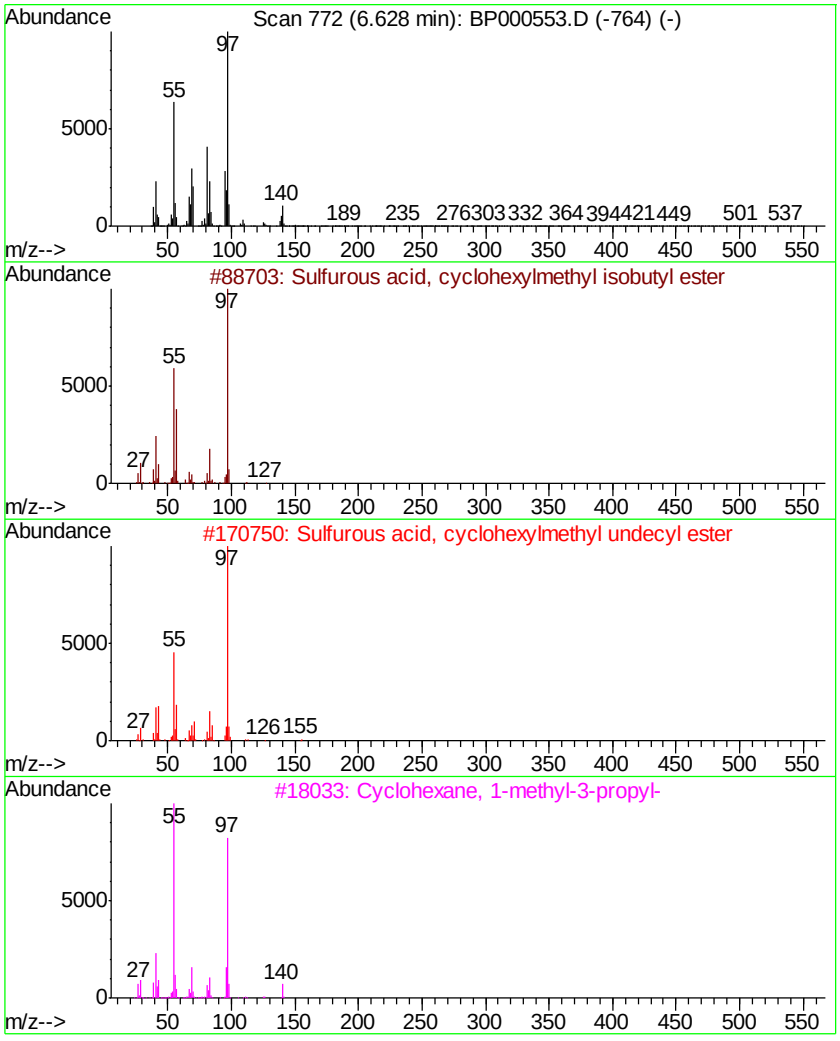
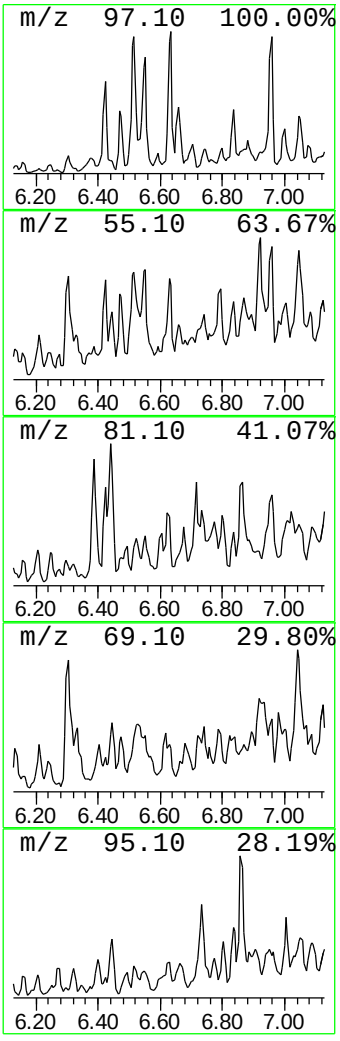
Peak Number 7 Sulfurous acid, cyclohexylm... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	18.97 ng	1417690	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	50
2	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	50
3	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	47
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	47





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Operator : JU
Sample : K5213-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-3(5-10)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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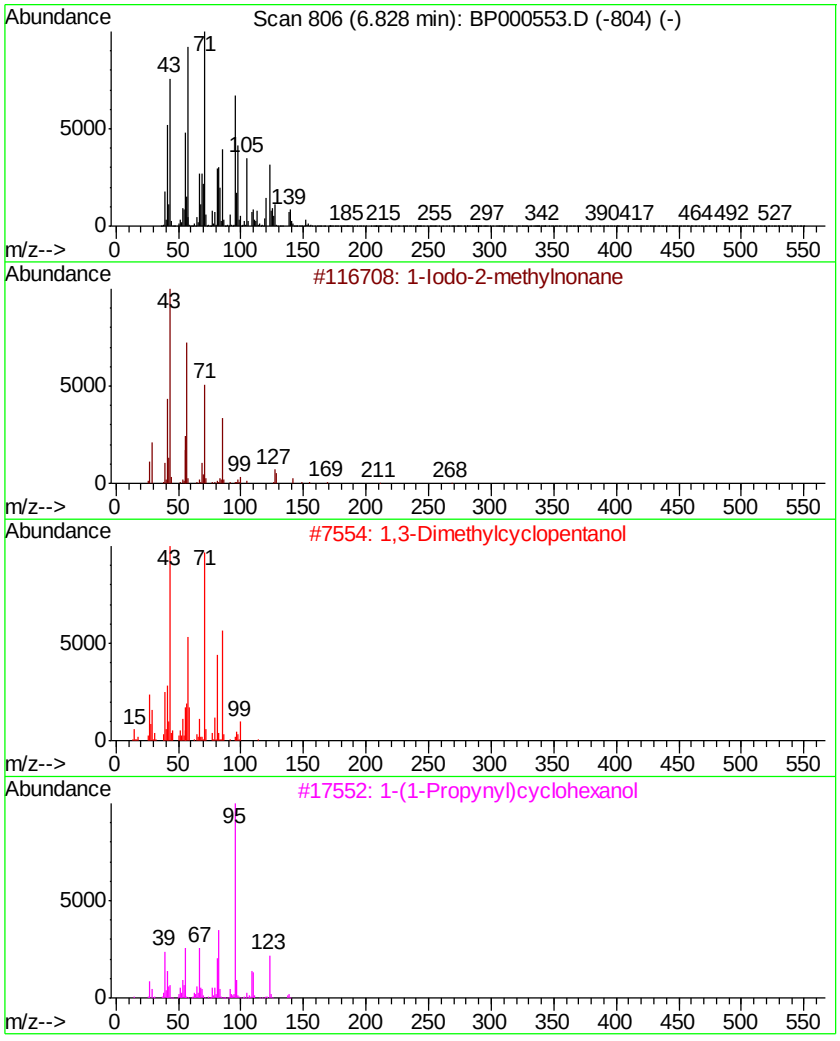
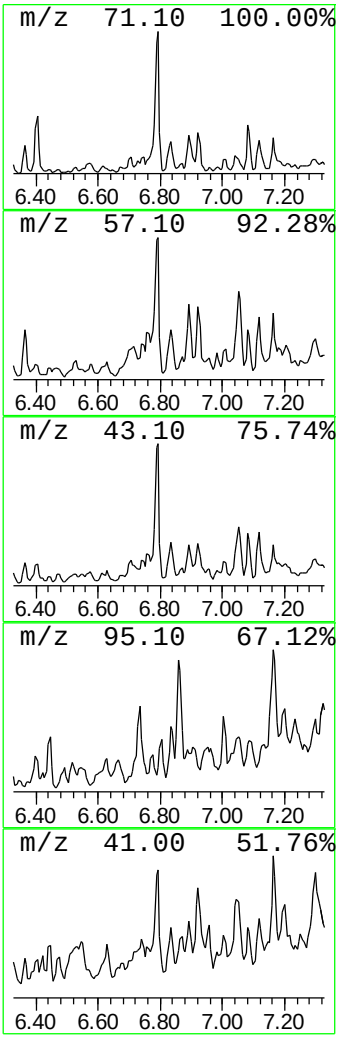
Peak Number 8 unknown6.83 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	19.19 ng	1433900	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	38
2	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	30
3	1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	30
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	22
5	Imidazole, 5-[2-(aminocarbonyl)e...	139	C6H9N3O	040160-23-4	18





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Acq On : 07 Oct 2019 19:20
Operator : JU
Sample : K5213-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-3(5-10)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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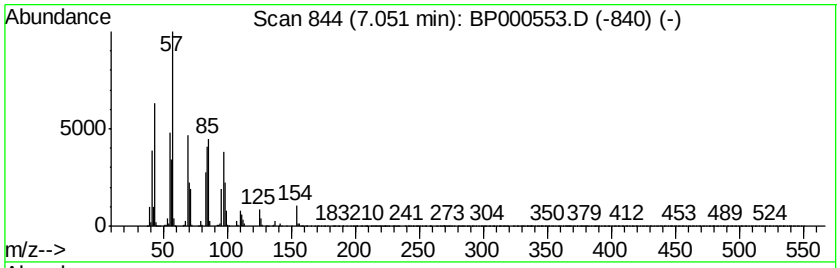
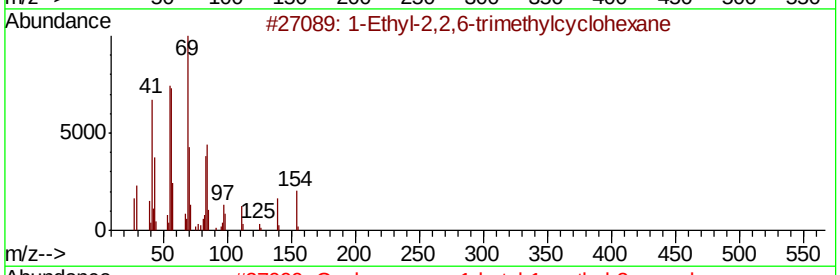
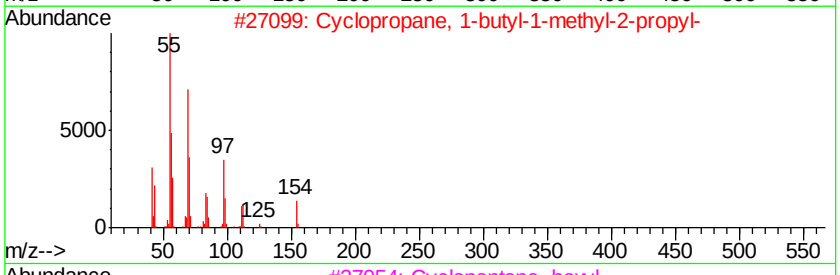
Peak Number 10 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 5

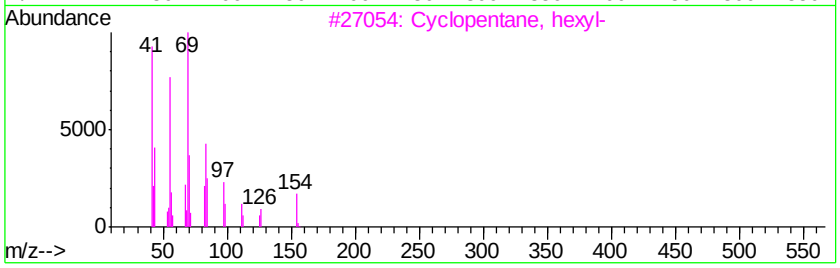
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	32.49 ng	2427520	1,4-Dichlorobenzene-d4	6.76

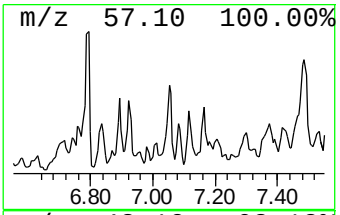
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	74
2	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	64
3	Cyclopentane, hexyl-	154	C11H22	004457-00-5	52
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	49
5	1-Octadecene	252	C18H36	000112-88-9	49

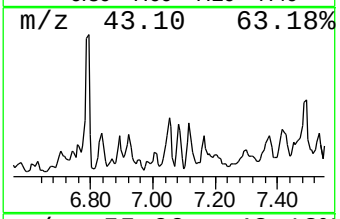


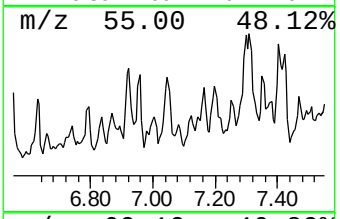


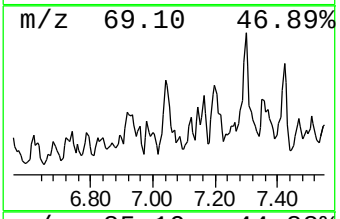


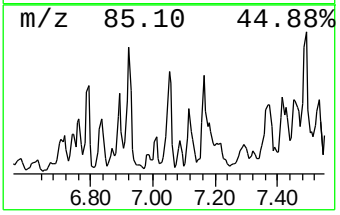












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Data File : BP000553.D
Acq On : 07 Oct 2019 19:20
Operator : JU
Sample : K5213-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-3(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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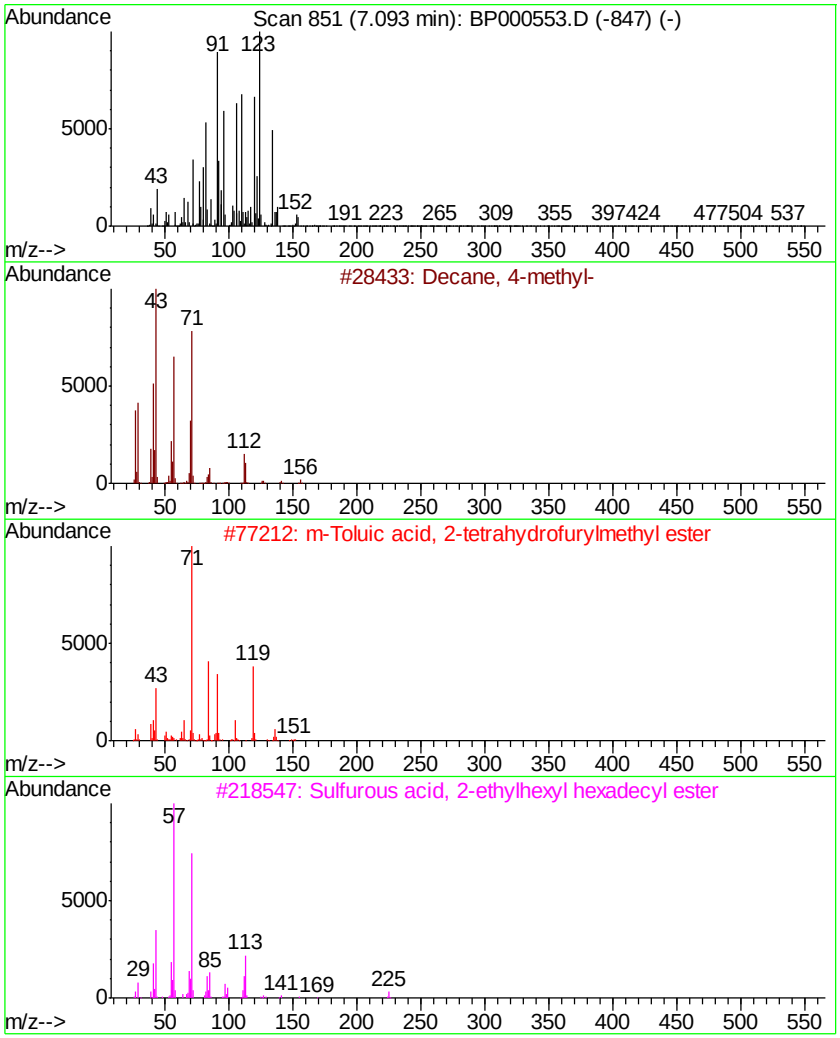
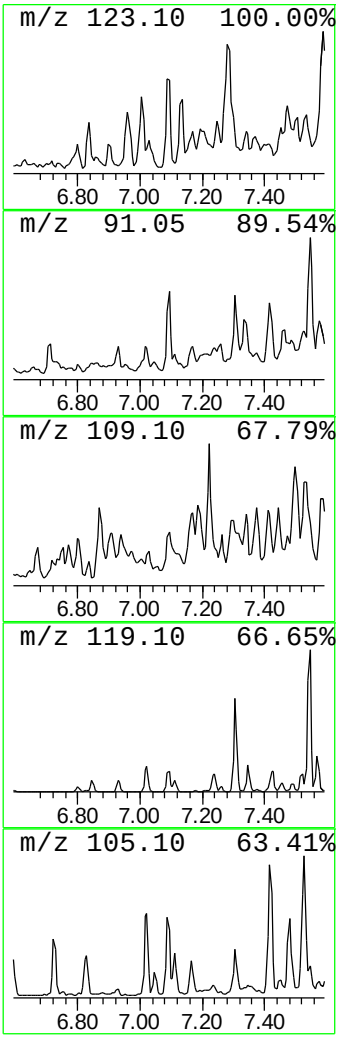
Peak Number 11 unknown7.09 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	17.23 ng	1287640	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	38
2	m-Toluic acid, 2-tetrahydrofuryl...	220	C13H16O3	039252-19-2	22
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	14
4	1,6-Heptadien-4-ol, 4-propyl-	154	C10H18O	052939-61-4	14
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	14





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Instrument : BNA_P
ClientSampleId : S-3(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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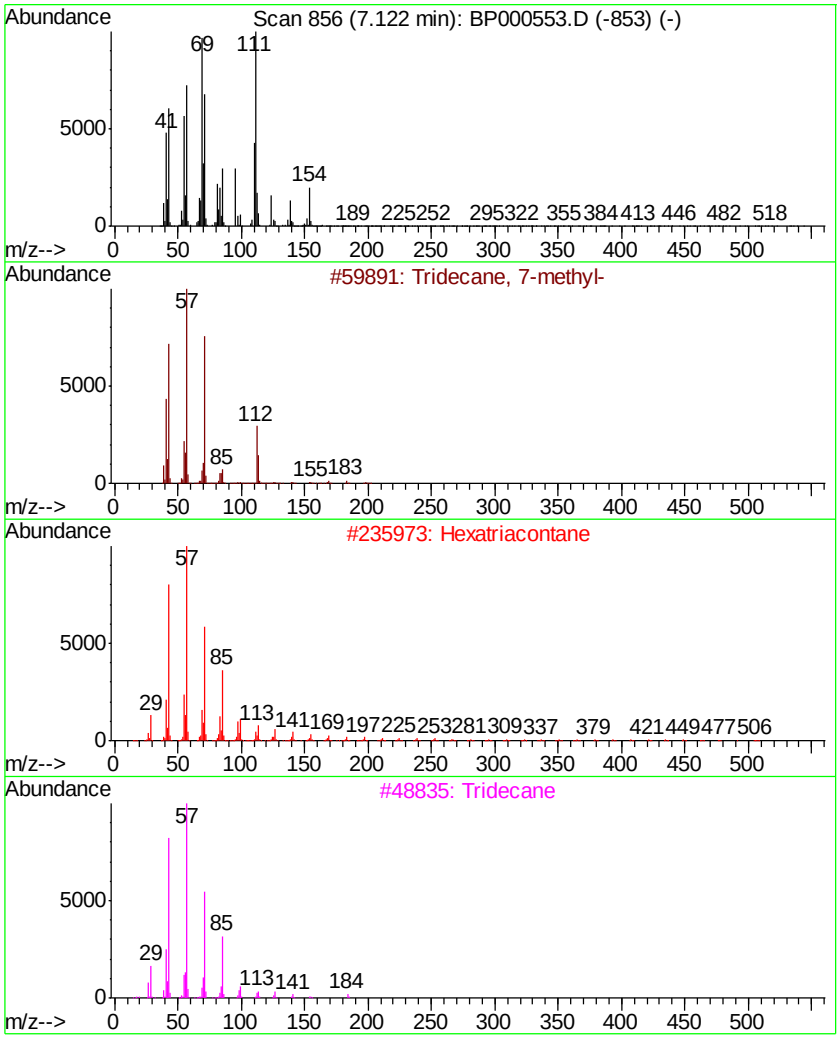
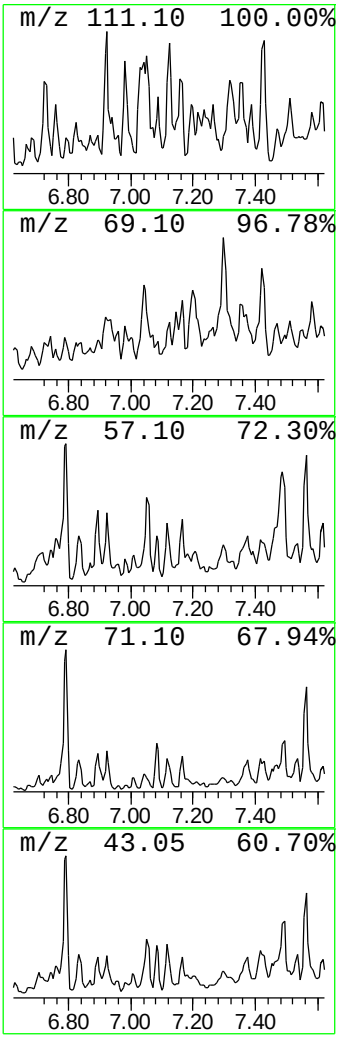
Peak Number 12 Tridecane, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	18.65 ng	1393770	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	60
2	Hexatriacontane	507	C36H74	000630-06-8	53
3	Tridecane	184	C13H28	000629-50-5	50
4	Pentadecane	212	C15H32	000629-62-9	50
5	Hexadecane	226	C16H34	000544-76-3	50





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-3(5-10)

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

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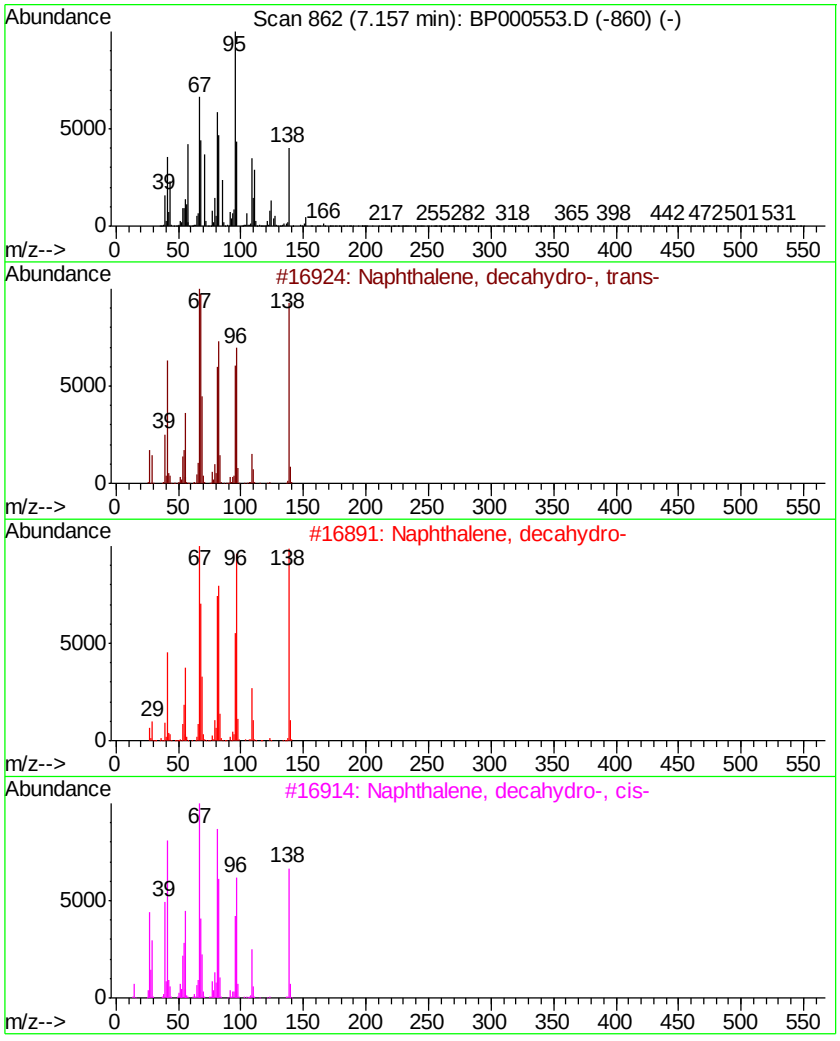
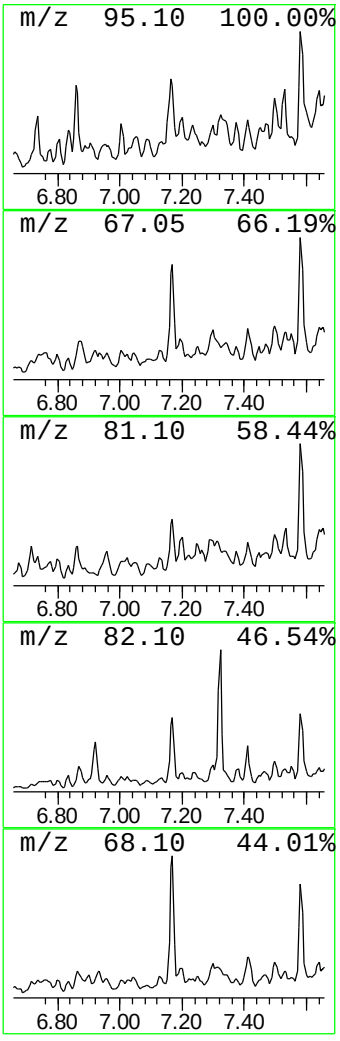
Peak Number 13 Naphthalene, decahydro-, tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	36.33 ng	2714440	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	76
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70
4	Spiro[4.5]decane	138	C10H18	000176-63-6	62
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	60





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ClientSampleId : S-3(5-10)

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TIC Integration Parameters: LSCINT.P

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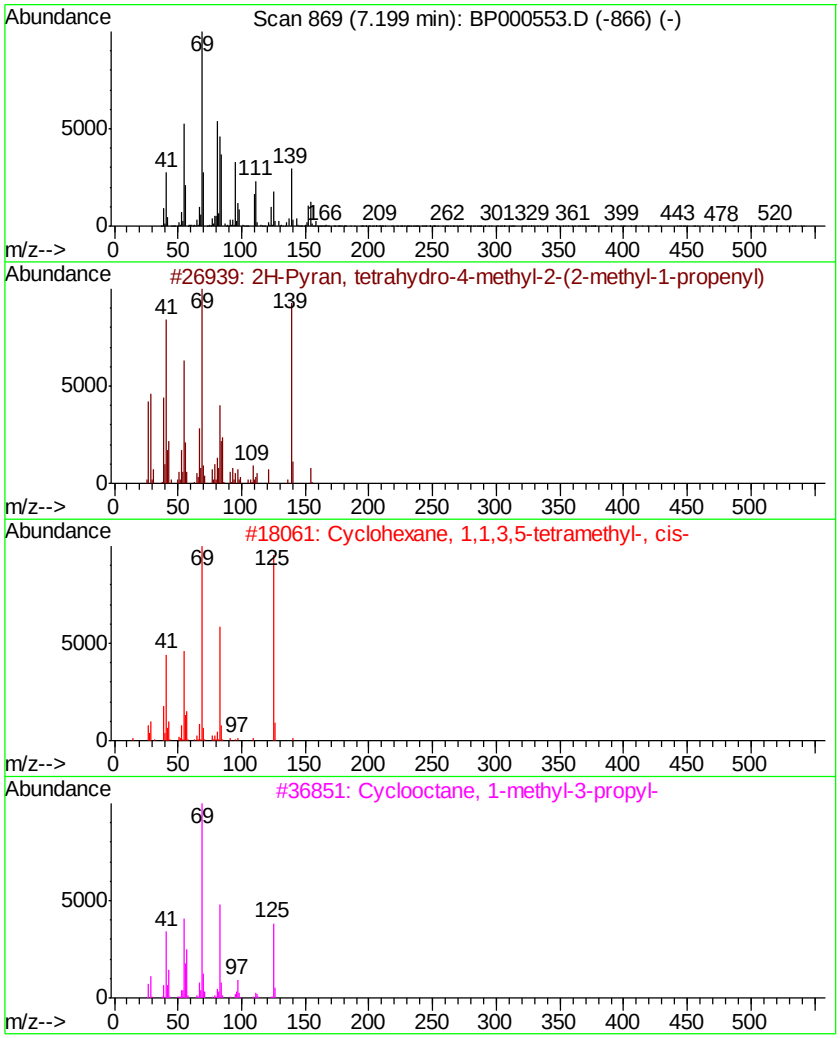
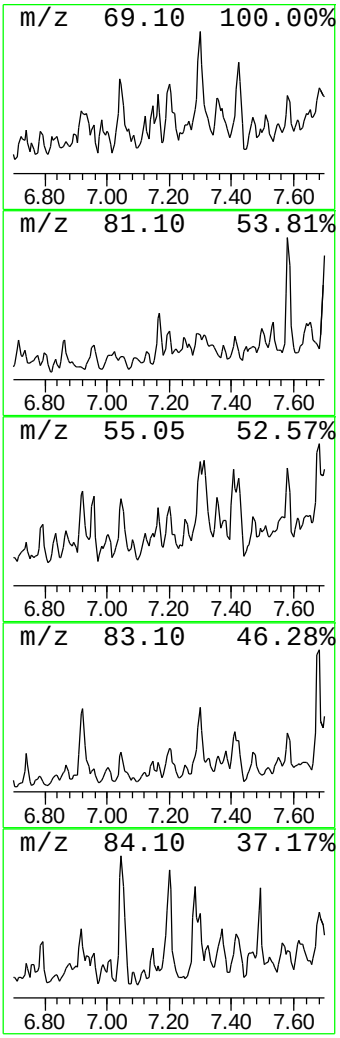
Peak Number 14 2H-Pyran, tetrahydro-4-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	22.19 ng	1657740	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	50
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
3	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	43
4	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	43
5	Citronellal	154	C10H18O	000106-23-0	43





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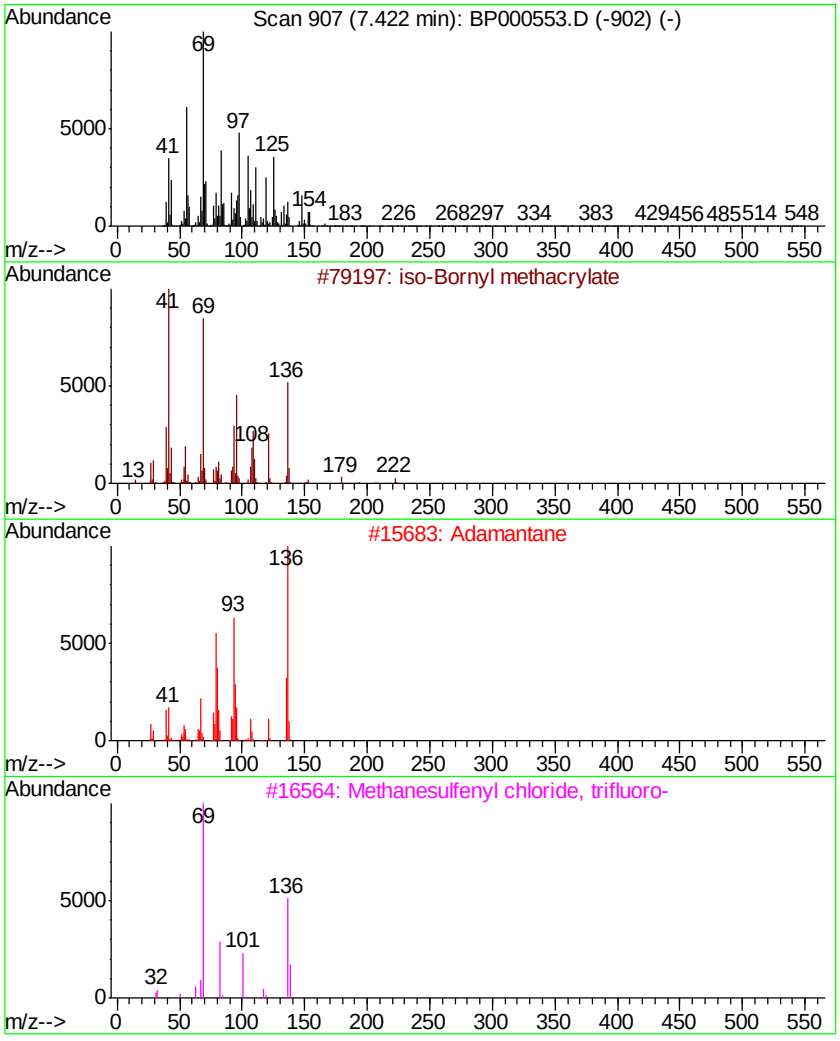
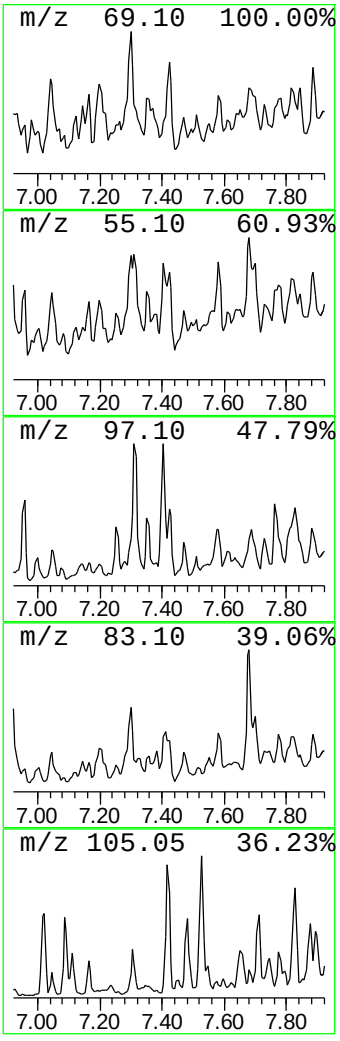
Peak Number 15 unknown7.42 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	17.92 ng	4417940	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	iso-Bornyl methacrylate	222	C14H22O2	007534-94-3	49
2	Adamantane	136	C10H16	000281-23-2	25
3	Methanesulfenyl chloride, triflu...	136	CClF3S	000421-17-0	22
4	1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	22
5	Zinc, di-4-pentenyl-	202	C10H18Zn	039995-48-7	15





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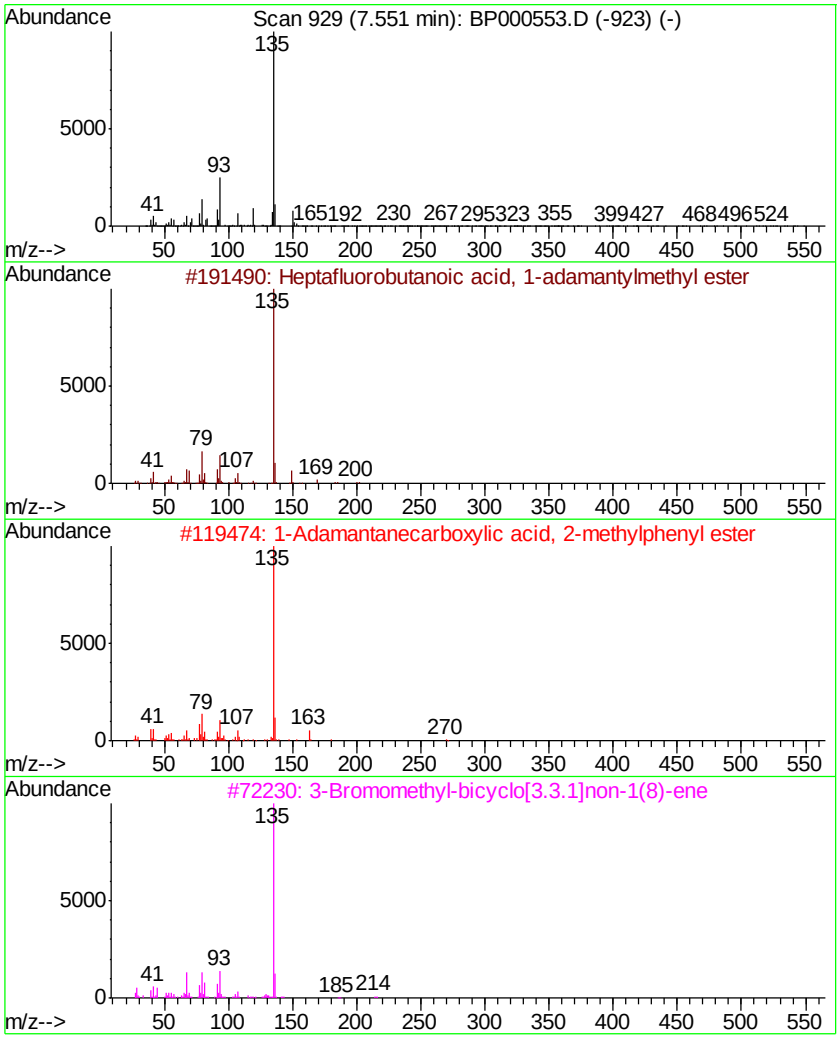
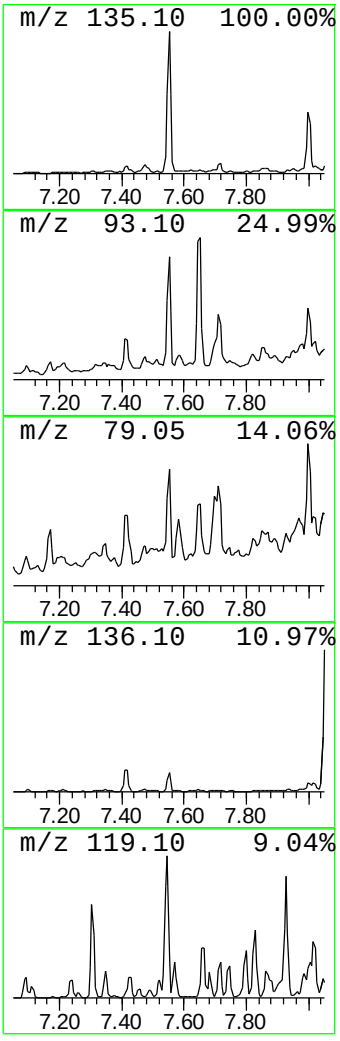
****
Peak Number 16 Heptafluorobutanoic acid, 1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	18.29 ng	4509430	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	64
2	1-Adamantanecarboxylic acid, 2-m...	270	C18H22O2	1000293-75-3	64
3	3-Bromomethyl-bicyclo[3.3.1]non-...	214	C10H15Br	1000192-96-6	59
4	1-n-butyladamantane	192	C14H24	014449-41-3	59
5	9-Iodotricyclo[4.2.1.1(2,5)]decane	262	C10H15I	1000194-77-8	59





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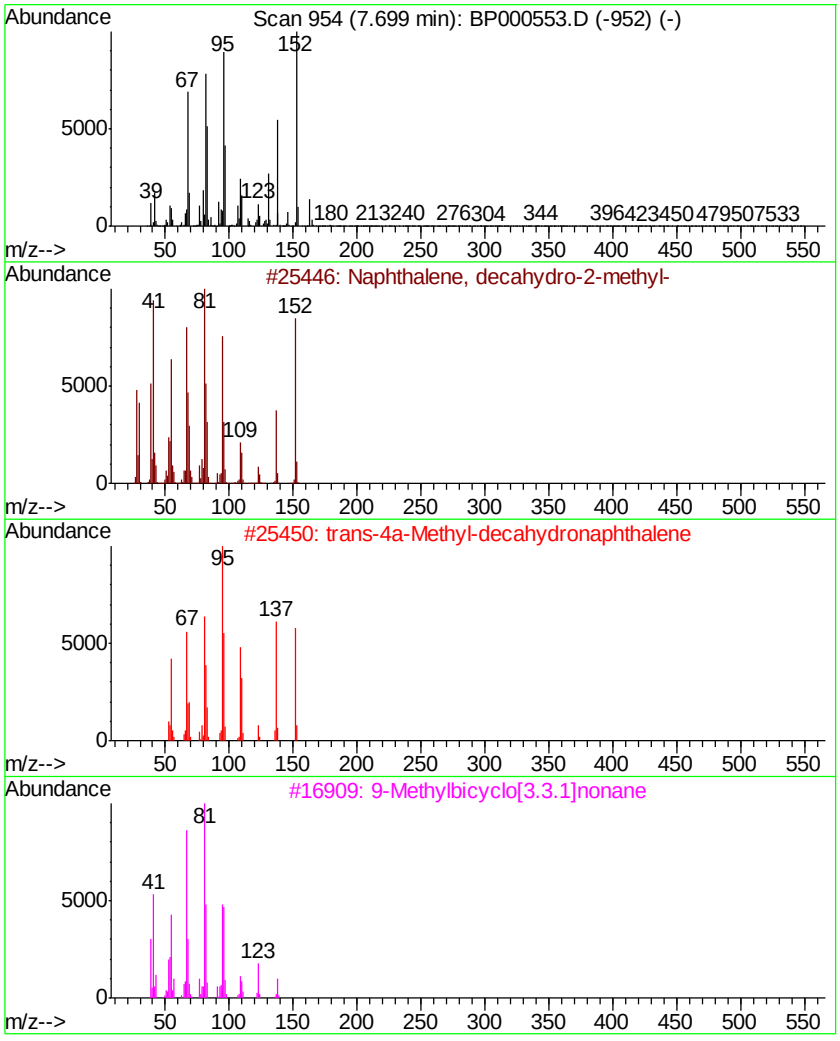
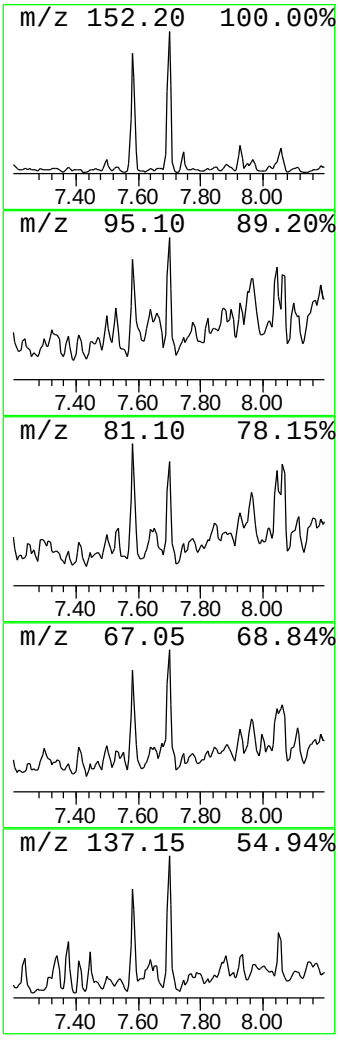
Peak Number 17 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	25.29 ng	6234520	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
3	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	46
4	4-Hydroxy-2,4,5-trimethyl-2,5-cy...	152	C9H12O2	014353-72-1	45
5	1-Adamantanol	152	C10H16O	000768-95-6	43





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Data File : BP000553.D
Acq On : 07 Oct 2019 19:20
Operator : JU
Sample : K5213-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-3(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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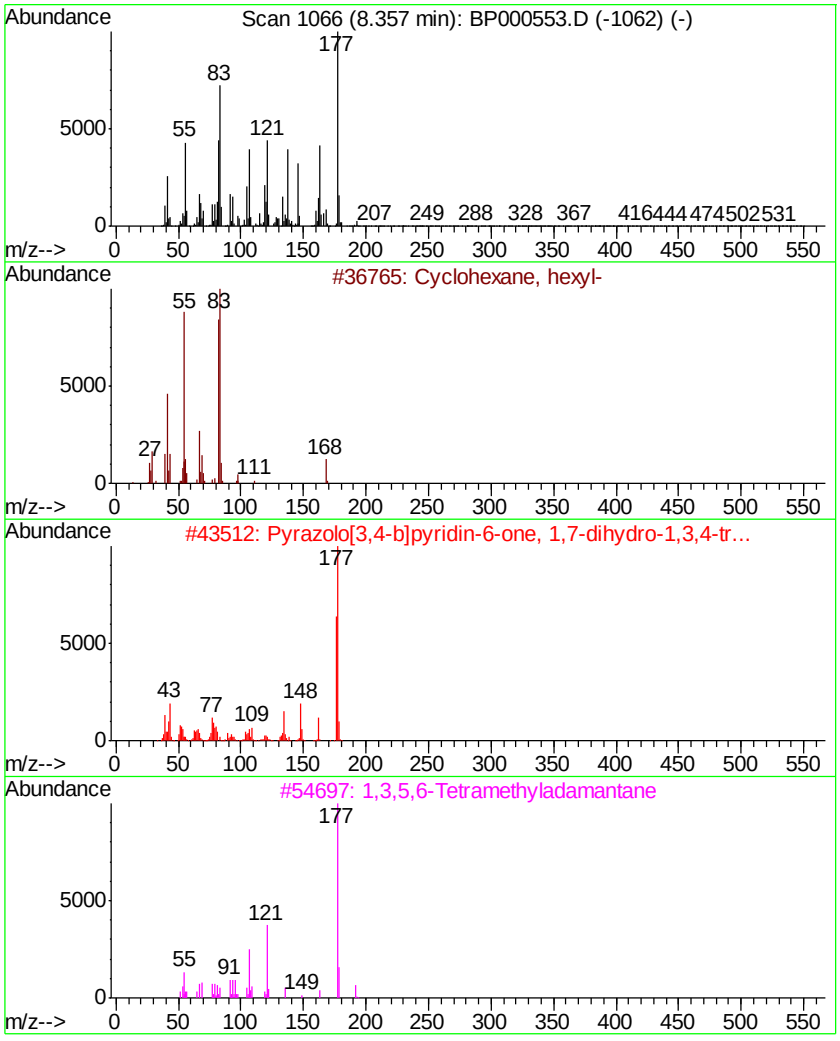
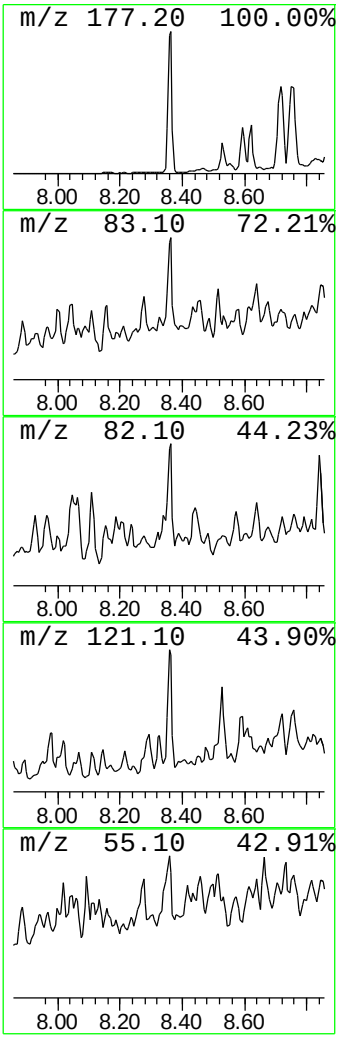
Peak Number 18 unknown8.36 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	19.45 ng	4795110	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	15
2	Pyrazolo[3,4-b]pyridin-6-one, 1,...	177	C9H11N3O	057411-62-8	14
3	1,3,5,6-Tetramethyladamantane	192	C14H24	034694-70-7	12
4	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	11
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	10





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Sample : K5213-06 2X
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Instrument : BNA_P
ClientSampleId : S-3(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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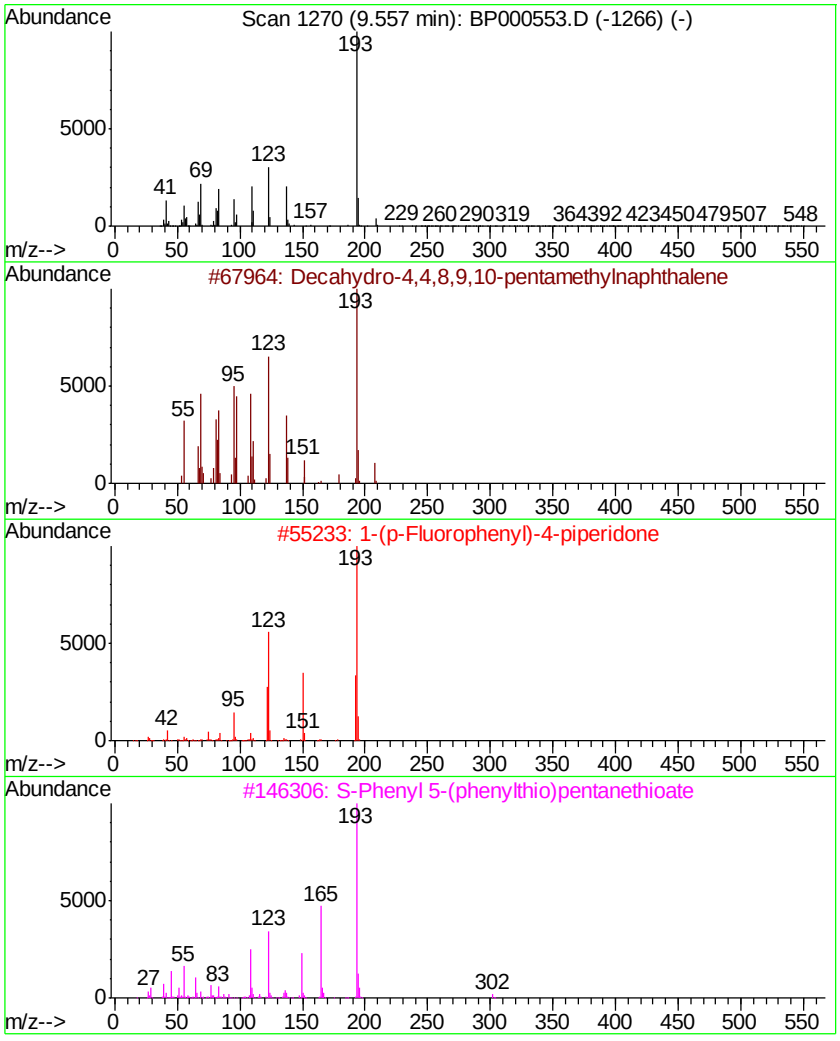
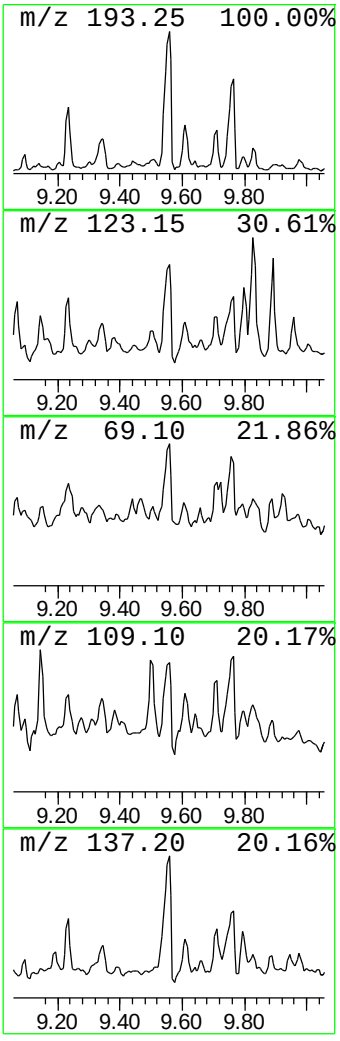
Peak Number 19 Decahydro-4,4,8,9,10-pentam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	20.00 ng	6341850	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	50
3	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	36
4	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32
5	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000553.D
Acq On : 07 Oct 2019 19:20
Operator : JU
Sample : K5213-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-3(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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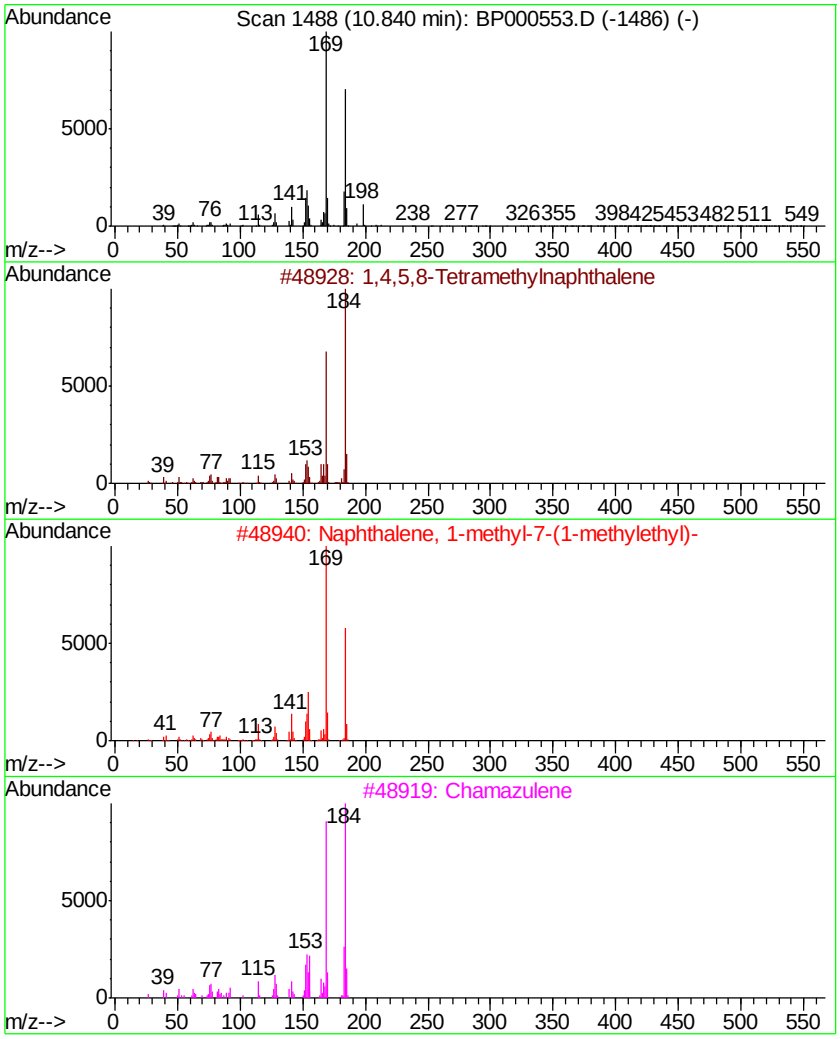
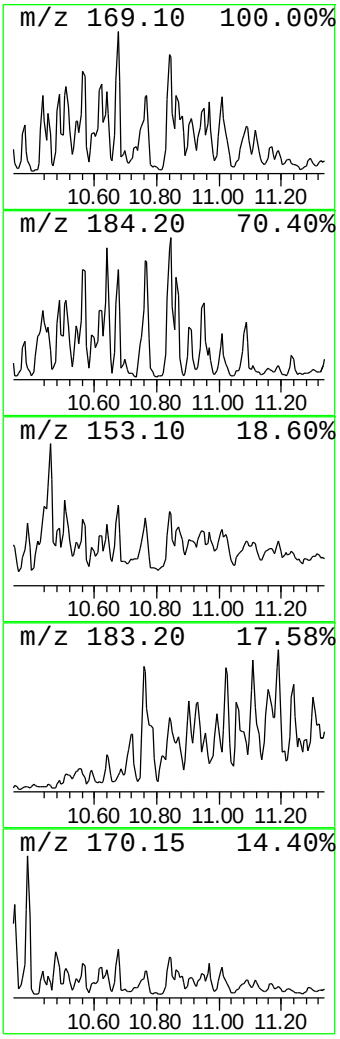
Peak Number 20 1,4,5,8-Tetramethylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	20.00 ng	2587090	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	90
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	81
3	Chamazulene	184	C14H16	000529-05-5	76
4	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	74
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100719\
Data File : BP000553.D
Acq On : 07 Oct 2019 19:20
Operator : JU
Sample : K5213-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-3(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, 1-et...	5.79	20.1	ng	1499230	1	6.76	1494440	20.0
unknown5.93	5.93	18.7	ng	1396100	1	6.76	1494440	20.0
Nonane, 3-methyl-	6.02	22.8	ng	1706980	1	6.76	1494440	20.0
1-Heptanol, 6-met...	6.21	22.2	ng	1661690	1	6.76	1494440	20.0
2-Octene, 2,6-dim...	6.30	32.8	ng	2447550	1	6.76	1494440	20.0
unknown6.53	6.53	59.3	ng	4428530	1	6.76	1494440	20.0
Sulfurous acid, c...	6.63	19.0	ng	1417690	1	6.76	1494440	20.0
unknown6.83	6.83	19.2	ng	1433900	1	6.76	1494440	20.0
1-Ethyl-2,2,6-tri...	7.05	32.5	ng	2427520	1	6.76	1494440	20.0
unknown7.09	7.09	17.2	ng	1287640	1	6.76	1494440	20.0
Tridecane, 7-methyl-	7.12	18.6	ng	1393770	1	6.76	1494440	20.0
Naphthalene, deca...	7.16	36.3	ng	2714440	1	6.76	1494440	20.0
2H-Pyran, tetrahy...	7.20	22.2	ng	1657740	1	6.76	1494440	20.0
unknown7.42	7.42	17.9	ng	4417940	2	8.05	4929710	20.0
Heptafluorobutano...	7.55	18.3	ng	4509430	2	8.05	4929710	20.0
Naphthalene, deca...	7.70	25.3	ng	6234520	2	8.05	4929710	20.0
unknown8.36	8.36	19.4	ng	4795110	2	8.05	4929710	20.0
Decahydro-4,4,8,9...	9.56	20.0	ng	6341850	3	9.84	6341850	20.0
1,4,5,8-Tetrameth...	10.84	20.0	ng	2587090	4	11.34	2587090	20.0