LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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-BP110320.M
Title : D

Signal : TIC: BP004023.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.075	25	32	42	rBV	154813	365919	1.97%	0.236%
2	3.169	42	48	54	rBV	931855	1358069	7.31%	0.878%
3	3.928	167	177	190	rBV2	144345	436416	2.35%	0.282%
4	4.298	230	240	249	rBV	143370	402879	2.17%	0.260%
5	5.016	340	362	373	rBV	125020	593132	3.19%	0.383%
6	5.204	374	394	401	rVV	250638	1098814	5.91%	0.710%
7	5.269	401	405	411	rVV	145677	244000	1.31%	0.158%
8	5.345	411	418	433	rVB	143633	370845	2.00%	0.240%
9	5.804	485	496	501	rBV	1955465	3428580	18.45%	2.216%
10	7.451	755	776	794	rBV2	1741302	5191451	27.94%	3.355%
11	7.704	814	819	828	rVB	142806	215556	1.16%	0.139%
12	8.181	894	900	906	rBV	314156	547529	2.95%	0.354%
13	8.269	909	915	921	rVB	602664	958466	5.16%	0.619%
14	8.339	921	927	945	rVB	909329	1494721	8.04%	0.966%
15	8.592	962	970	978	rVB2	663394	1122819	6.04%	0.726%
16	8.986	1023	1037	1040	rBV2	715558	2071870	11.15%	1.339%
17	9.069	1047	1051	1053	rBV2	283750	467948	2.52%	0.302%
18	9.292	1083	1089	1093	rBV3	120310	198256	1.07%	0.128%
19	9.345	1093	1098	1105	rVB2	246175	412098	2.22%	0.266%
20	9.434	1105	1113	1123	rVV	1743948	2899389	15.60%	1.874%
21	9.775	1152	1171	1180	rBV	1114167	4820274	25.94%	3.115%
22	9.933	1192	1198	1204	rBV2	164607	306469	1.65%	0.198%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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-BP110320.M
Title : D

23	10.004	1204	1210	1223	rVB	2246545	3675469	19.78%	2.375%
24	10.498	1287	1294	1298	rBV	1010300	2122696	11.42%	1.372%
25	10.998	1376	1379	1388	rVB	144244	285997	1.54%	0.185%
26	11.098	1389	1396	1400	rBV	770455	1302537	7.01%	0.842%
27	11.145	1400	1404	1408	rVV	314075	504360	2.71%	0.326%
28	11.192	1408	1412	1418	rVV4	242553	548611	2.95%	0.355%
29	11.245	1418	1421	1431	rVV3	157328	346265	1.86%	0.224%
30	11.375	1431	1443	1449	rVV2	688238	2282170	12.28%	1.475%
31	11.428	1449	1452	1456	rVV	319129	539011	2.90%	0.348%
32	11.469	1456	1459	1465	rVV2	178935	337725	1.82%	0.218%
33	11.533	1465	1470	1482	rVV	1889678	3298621	17.75%	2.132%
34	11.733	1498	1504	1509	rBV2	190435	355163	1.91%	0.230%
35	11.922	1526	1536	1540	rBV	837549	1501185	8.08%	0.970%
36	12.104	1540	1567	1581	rVV	2874250	18054093	97.15%	11.667%
37	12.404	1611	1618	1628	rVB3	293936	741822	3.99%	0.479%
38	12.551	1635	1643	1652	rBV2	301279	803086	4.32%	0.519%
39	12.645	1652	1659	1663	rBV5	152324	336892	1.81%	0.218%
40	12.704	1663	1669	1673	rBV	1977597	3553568	19.12%	2.296%
41	12.845	1689	1693	1700	rVV	202311	340831	1.83%	0.220%
42	12.927	1700	1707	1711	rVV2	2510615	4582600	24.66%	2.961%
43	12.969	1711	1714	1722	rVB	451982	755083	4.06%	0.488%
44	13.122	1736	1740	1745	rVB	133494	205613	1.11%	0.133%
45	13.345	1753	1778	1786	rBV	3953442	18583809	100.00%	12.009%
46	13.416	1787	1790	1797	rVV4	240283	467075	2.51%	0.302%
47	13.516	1800	1807	1817	rVV	3893161	6459901	34.76%	4.175%
48	13.592	1817	1820	1825	rVB	184105	251990	1.36%	0.163%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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-BP110320.M
Title : D

49	13.727	1839	1843	1849	rVB	175371	275570	1.48%	0.178%
50	13.792	1849	1854	1859	rVB	1091041	1528131	8.22%	0.988%
51	13.845	1859	1863	1867	rBV	2048950	3074793	16.55%	1.987%
52	13.892	1867	1871	1875	rVV	754104	1451966	7.81%	0.938%
53	13.927	1875	1877	1882	rVB	290790	374040	2.01%	0.242%
54	14.074	1895	1902	1912	rVB	2084384	3115055	16.76%	2.013%
55	14.216	1922	1926	1934	rVB5	141020	316961	1.71%	0.205%
56	14.286	1934	1938	1940	rBV	156326	223323	1.20%	0.144%
57	14.398	1940	1957	1965	rVV2	3106577	9766908	52.56%	6.312%
58	14.792	2019	2024	2031	rVB	1351329	1868648	10.06%	1.208%
59	14.874	2032	2038	2045	rBV2	1347600	3219212	17.32%	2.080%
60	14.939	2045	2049	2055	rVB5	119318	213809	1.15%	0.138%
61	15.092	2070	2075	2082	rVB	1028651	1465461	7.89%	0.947%
62	15.468	2131	2139	2143	rBV2	366676	598107	3.22%	0.387%
63	15.527	2143	2149	2160	rVB4	332666	728902	3.92%	0.471%
64	16.374	2287	2293	2304	rVB	3218236	4646533	25.00%	3.003%
65	16.692	2343	2347	2353	rBV3	165384	242122	1.30%	0.156%
66	17.621	2500	2505	2511	rVB	1371566	1906759	10.26%	1.232%
67	17.704	2516	2519	2525	rVB3	180751	234400	1.26%	0.151%
68	17.851	2540	2544	2552	rVV	2315810	3028886	16.30%	1.957%
69	17.921	2552	2556	2563	rVB	466489	610347	3.28%	0.394%
70	18.145	2591	2594	2599	rVB	180420	223760	1.20%	0.145%
71	18.468	2645	2649	2656	rBV	397328	615127	3.31%	0.398%
72	19.274	2782	2786	2790	rBV	227068	310625	1.67%	0.201%
73	20.121	2924	2930	2935	rBV	6875310	8173485	43.98%	5.282%
74	21.303	3128	3131	3141	rVB	736251	945724	5.09%	0.611%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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-BP110320.M
Title : D

75	21.656	3186	3191	3201	rVB	1577869	2117481	11.39%	1.368%
76	24.127	3604	3611	3617	rVB	937532	1920253	10.33%	1.241%
77	25.509	3840	3846	3855	rVB	125306	306418	1.65%	0.198%

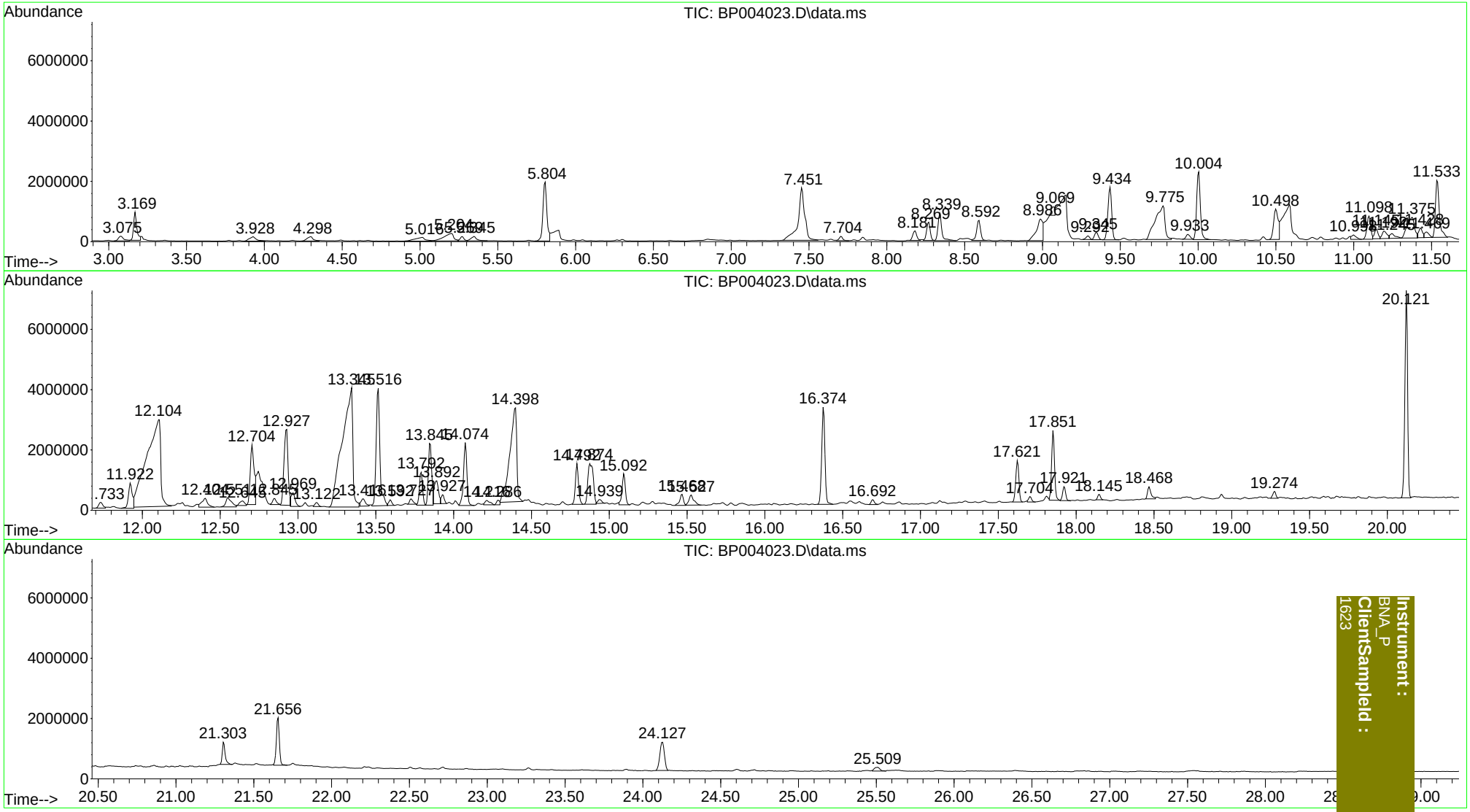
Sum of corrected areas: 154744479

Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

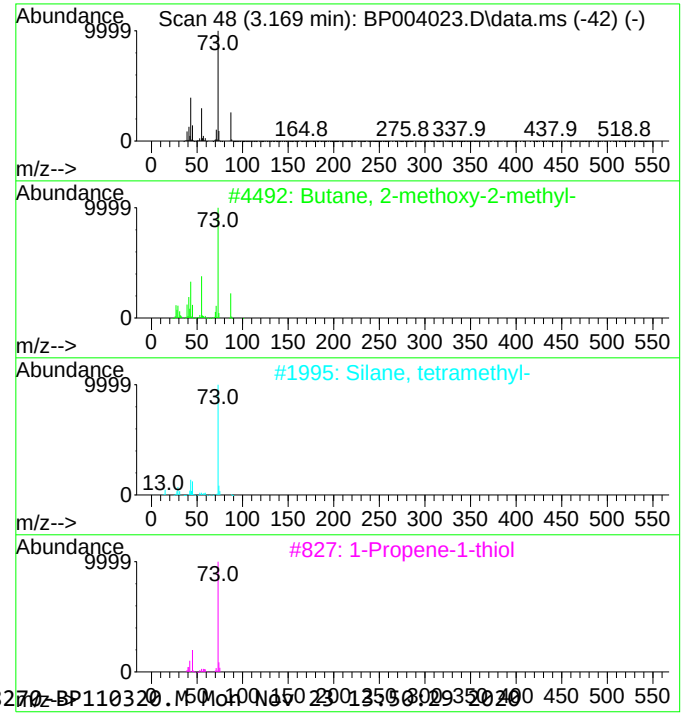
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

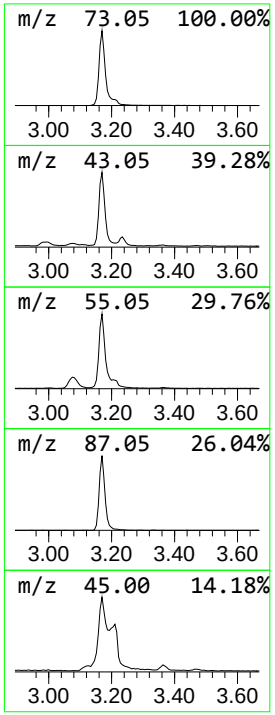
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.169	28.34 ng	1358070	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
3	1-Propene-1-thiol	74	C3H6S	000925-89-3	47
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	14





Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

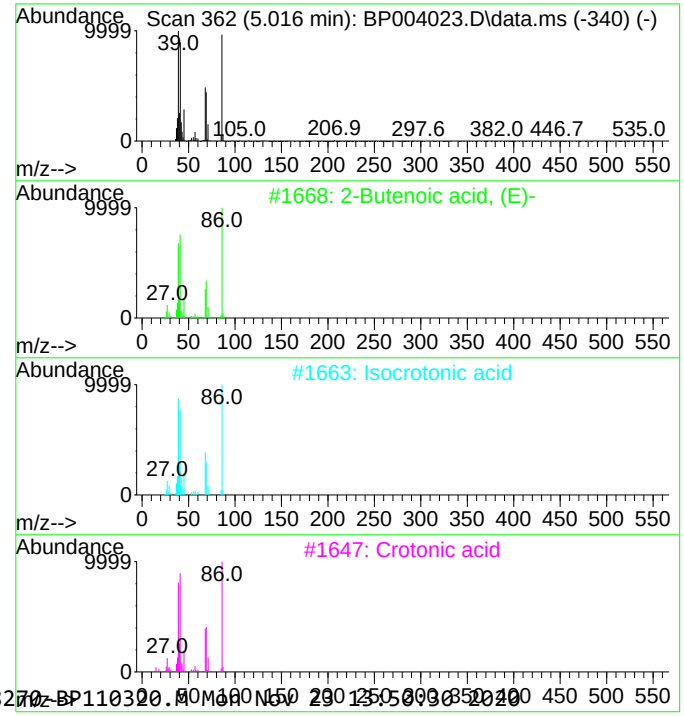
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

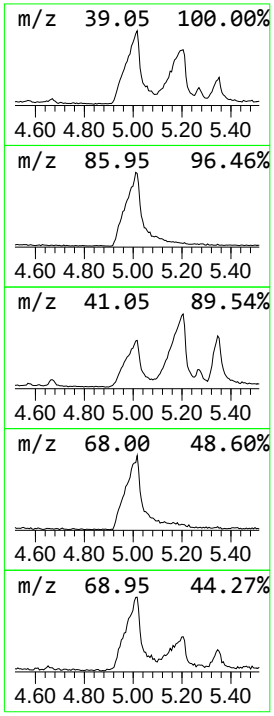
****

Peak Number 2 2-Butenoic acid, (E)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.016	12.38 ng	593132	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	97
2	Isocrotonic acid	86	C4H6O2	000503-64-0	96
3	Crotonic acid	86	C4H6O2	003724-65-0	95
4	2-Propenoic acid, 2-methyl-	86	C4H6O2	000079-41-4	81
5	2H-Pyran-2-one	96	C5H4O2	000504-31-4	64





Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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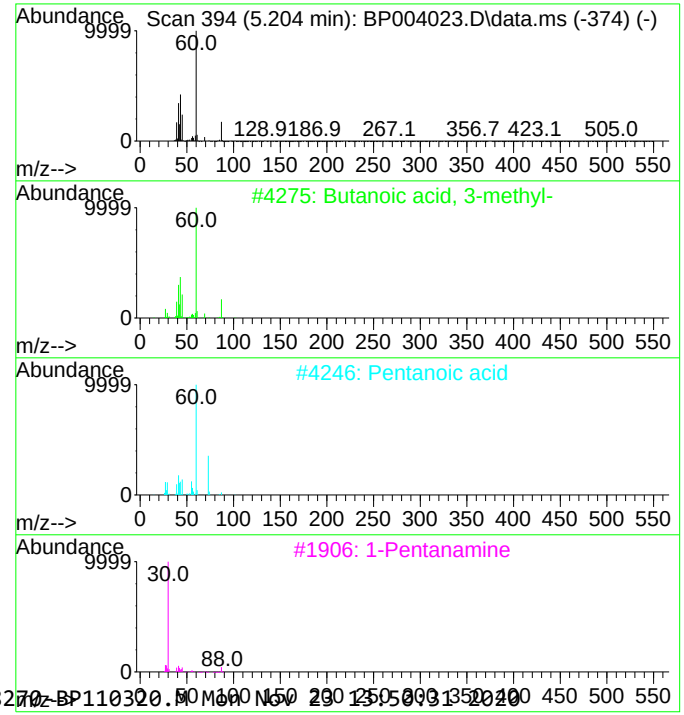
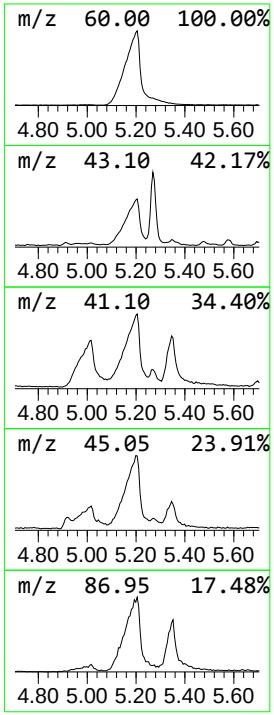
Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.204	22.93 ng	1098810	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	90
2	Pentanoic acid	102	C5H10O2	000109-52-4	45
3	1-Pentanamine	87	C5H13N	000110-58-7	9
4	Formic acid hydrazide	60	CH4N2O	000624-84-0	9
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	9





Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

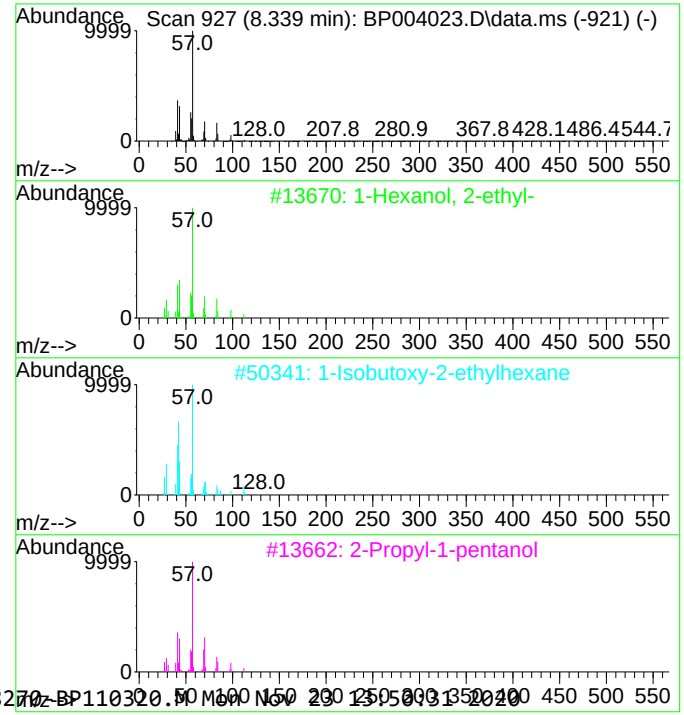
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

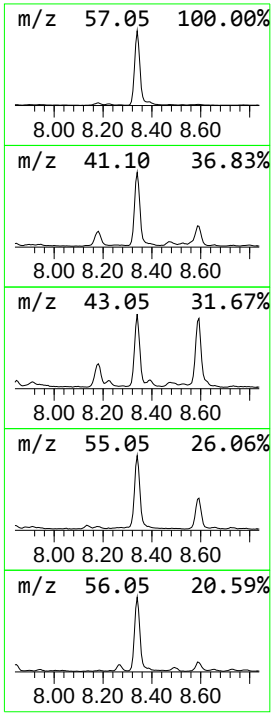
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.339	31.19 ng	1494720	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
5	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	53





Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

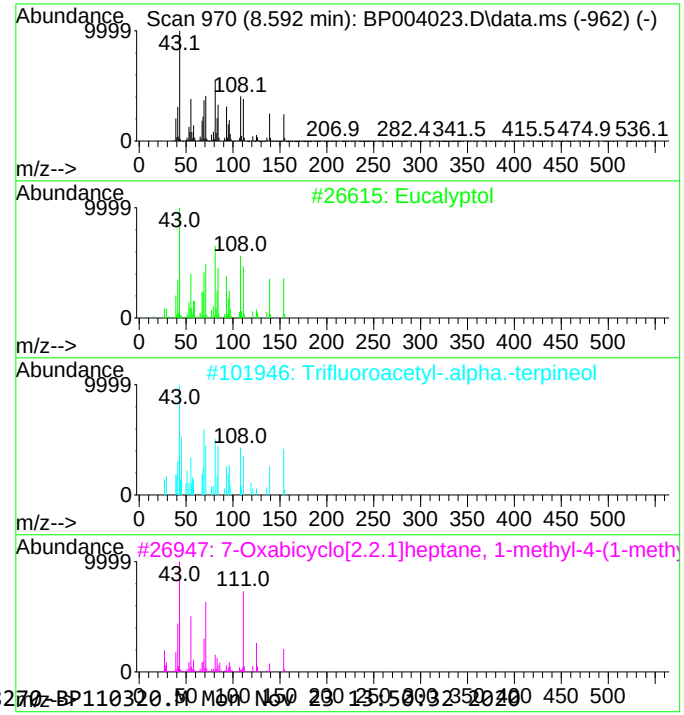
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

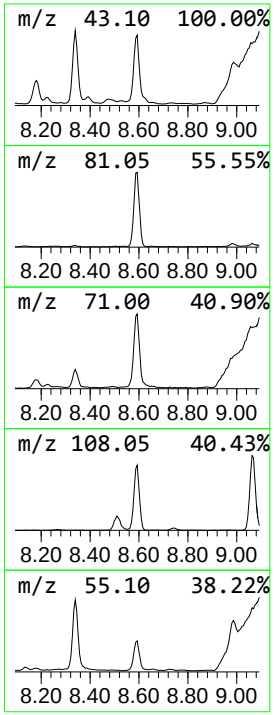
****

Peak Number 5 Eucalyptol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.592	23.43 ng	1122820	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	95
2	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	42
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	25
4	2-Isopropyl-5-methylhex-2-enal	154	C10H18O	035158-25-9	25
5	2-Acetonylcyclohexanone	154	C9H14O2	006126-53-0	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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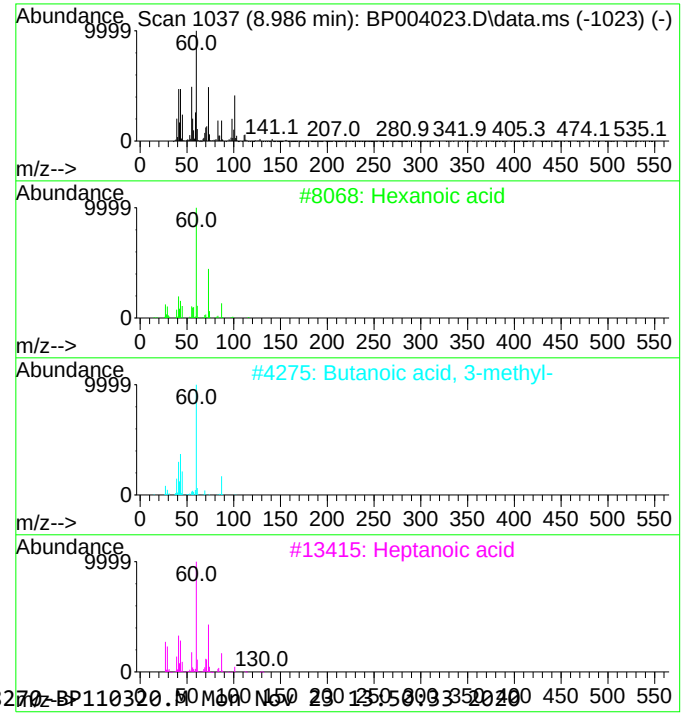
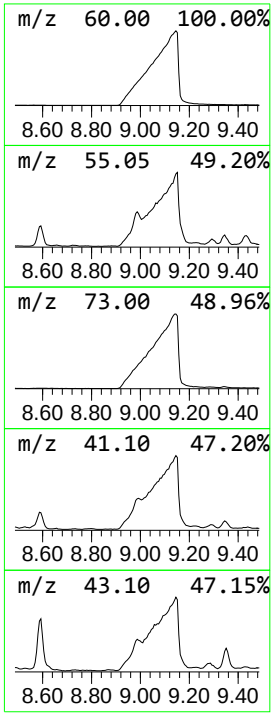
Peak Number 6 unknown8.98 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.986	43.23 ng	2071870	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	43
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	43
3	Heptanoic acid	130	C7H14O2	000111-14-8	38
4	Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	38
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	37





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Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

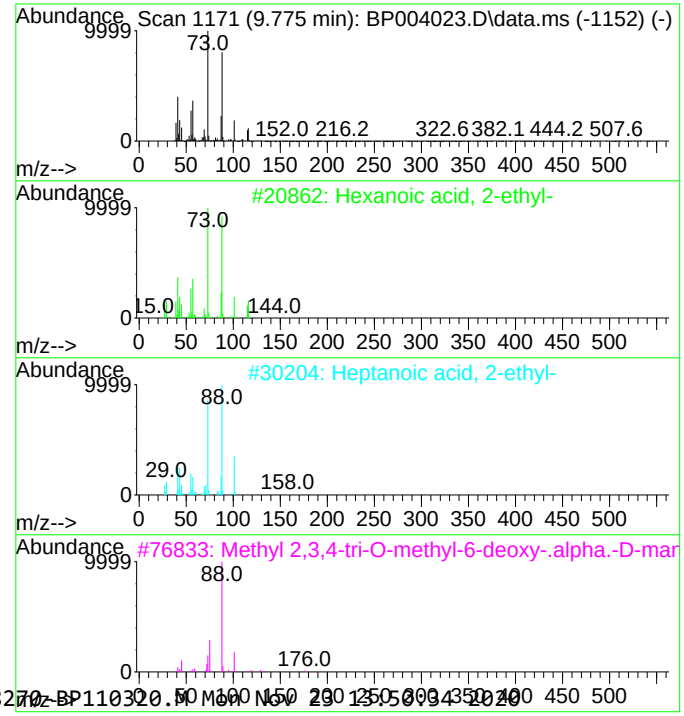
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

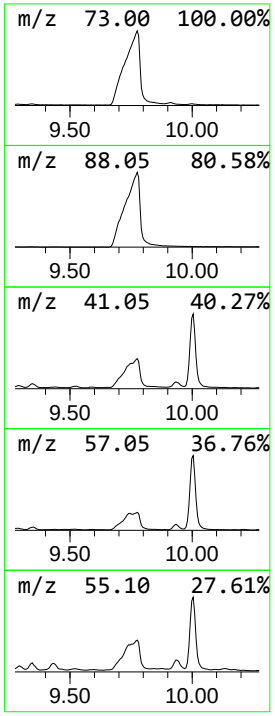
****

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.775	74.01 ng	4820270	Naphthalene-d8	11.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
3	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	40
4	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	40
5	Methyl-4-deoxy-2,3-di-O-methyl.b...	218	C9H14O6	1000312-09-9	38





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Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

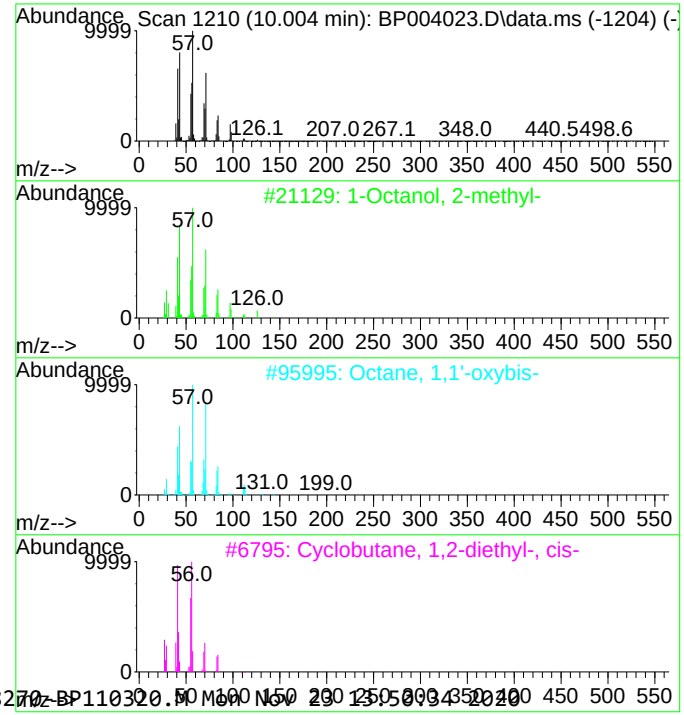
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

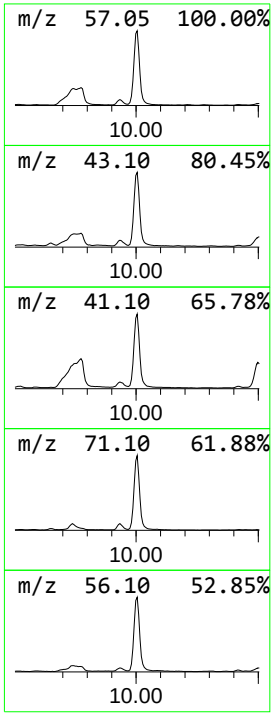
****

Peak Number 8 1-Octanol, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.004	56.44 ng	3675470	Naphthalene-d8	11.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-methyl-	144	C9H20O	000818-81-5	83
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53
3	Cyclobutane, 1,2-diethyl-, cis-	112	C8H16	061141-50-2	50
4	Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	47
5	1-Nonene	126	C9H18	000124-11-8	47





Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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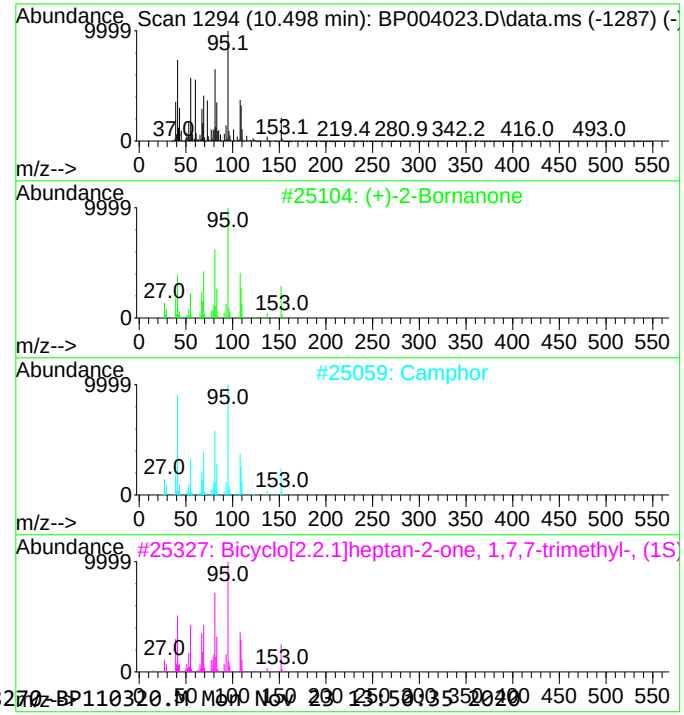
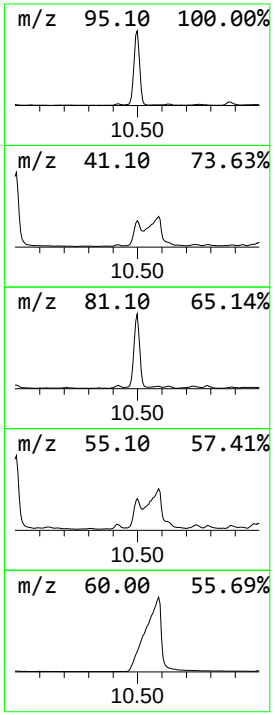
Peak Number 9 (+)-2-Bornanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.498	32.59 ng	2122700	Naphthalene-d8	11.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	Camphor	152	C10H16O	000076-22-2	97
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	93
4	Octanoic acid	144	C8H16O2	000124-07-2	60
5	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	46





Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

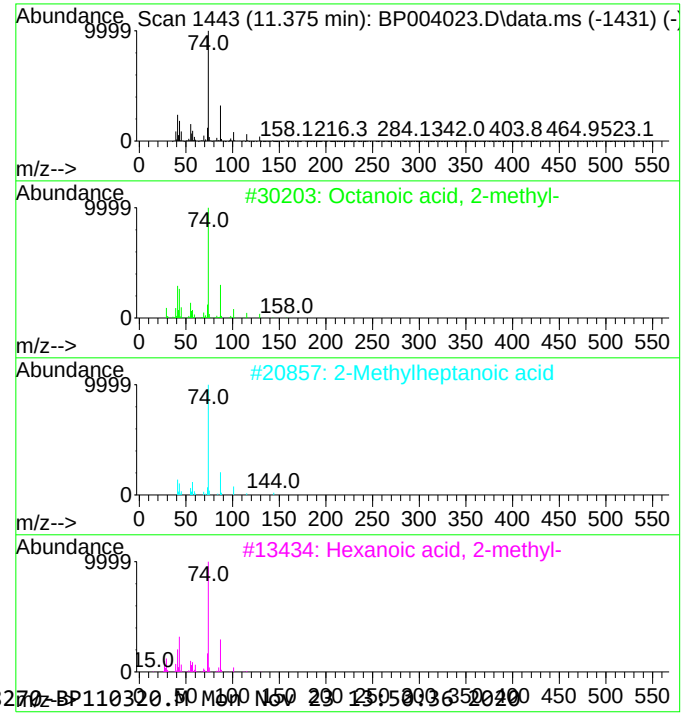
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

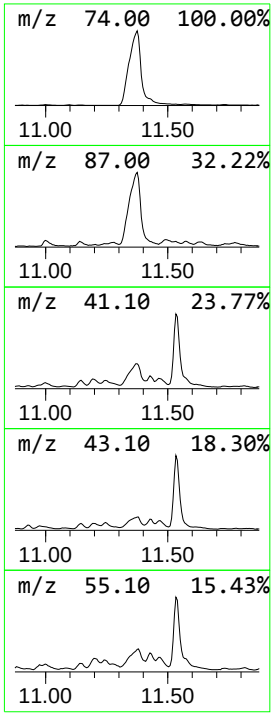
****

Peak Number 10 Octanoic acid, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.375	35.04 ng	2282170	Naphthalene-d8	11.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	95
2	2-Methylheptanoic acid	144	C8H16O2	001188-02-9	72
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	72
4	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	59
5	Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	43





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Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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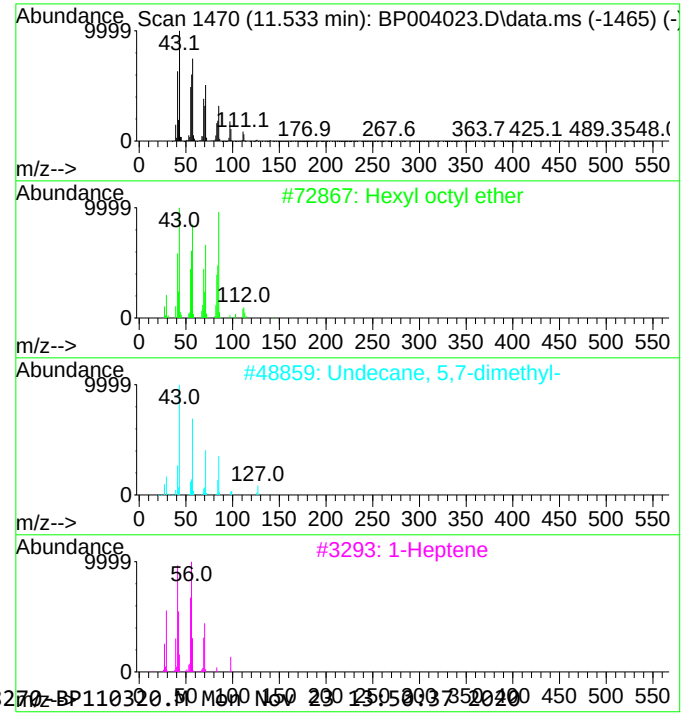
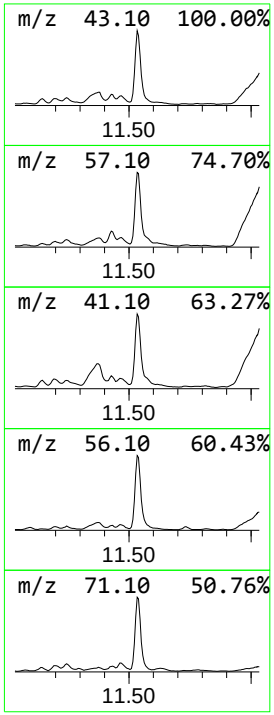
Peak Number 11 Hexyl octyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.533	50.65 ng	3298620	Naphthalene-d8	11.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexyl octyl ether	214	C14H30O	017071-54-4	72
2	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	43
3	1-Heptene	98	C7H14	000592-76-7	43
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	43
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	43





Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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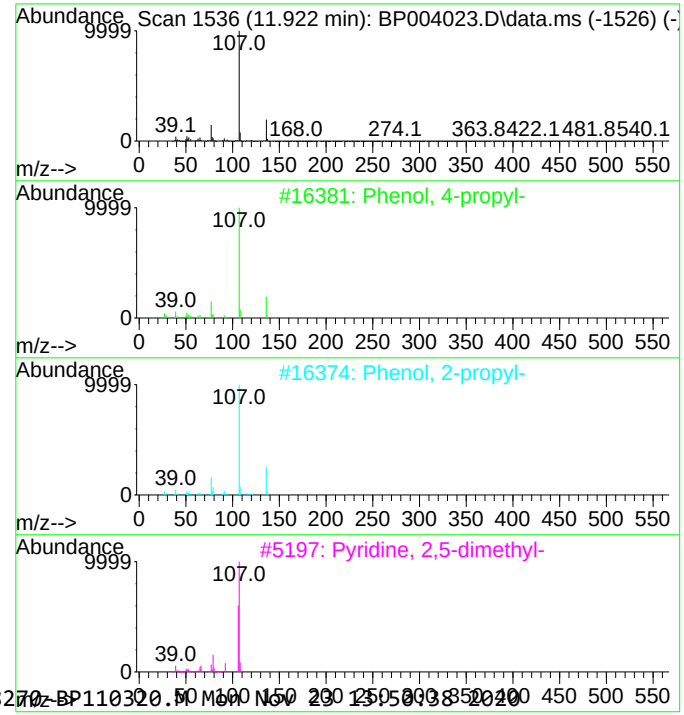
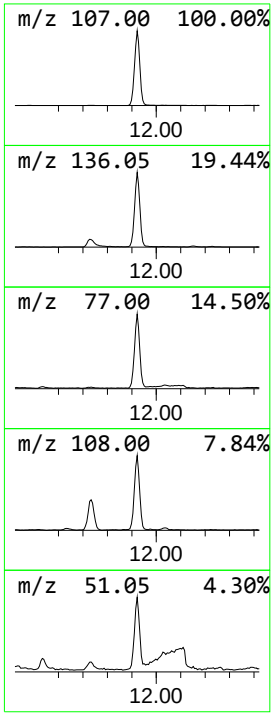
Peak Number 12 Phenol, 4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	23.05 ng	1501190	Naphthalene-d8	11.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-propyl-	136	C9H12O	000645-56-7	91
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	91
3	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	59
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	50
5	o-Toluidine	107	C7H9N	000095-53-4	45





Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
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Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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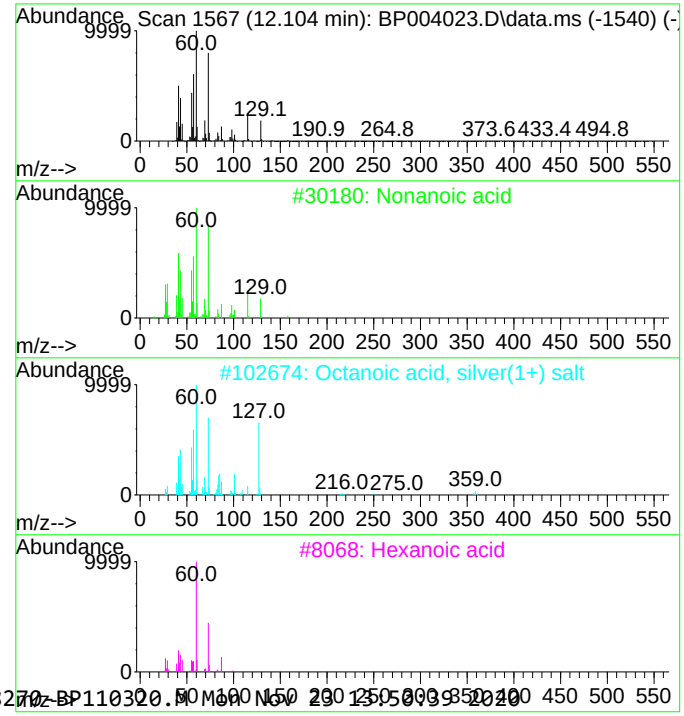
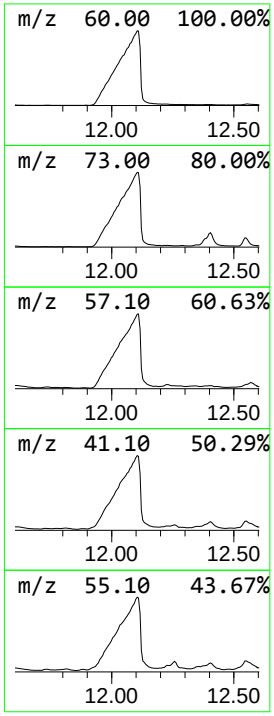
Peak Number 13 Nonanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	277.21 ng	18054100	Naphthalene-d8	11.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	91
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	58
3	Hexanoic acid	116	C6H12O2	000142-62-1	53
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50
5	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	47





Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
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Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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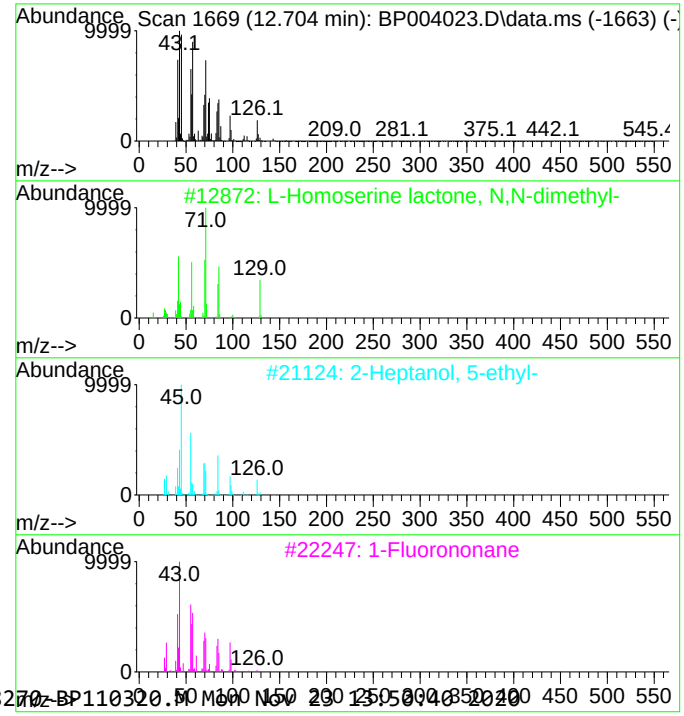
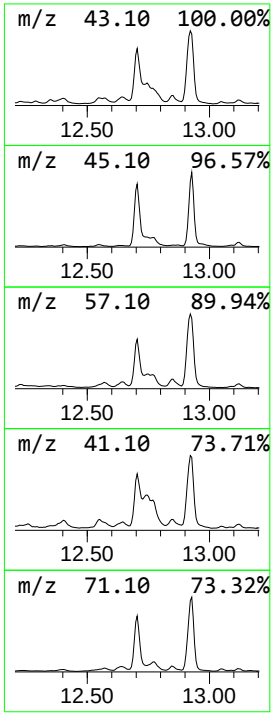
Peak Number 14 unknown12.70 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	54.56 ng	3553570	Naphthalene-d8	11.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Homoserine lactone, N,N-dimethyl-	129	C6H11NO2	1000374-45-7	46
2	2-Heptanol, 5-ethyl-	144	C9H20O	019780-40-6	43
3	1-Fluorononane	146	C9H19F	000463-18-3	38
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	35
5	2-Octanol	130	C8H18O	000123-96-6	35





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Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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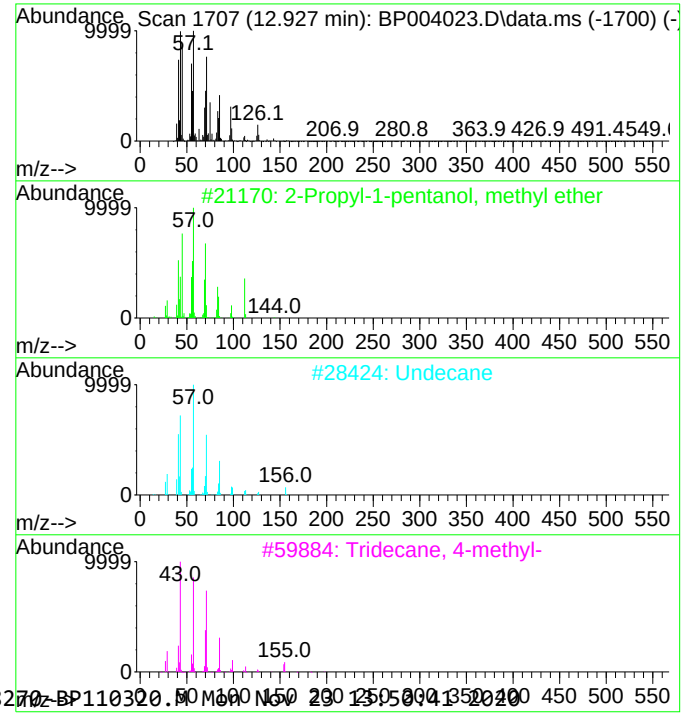
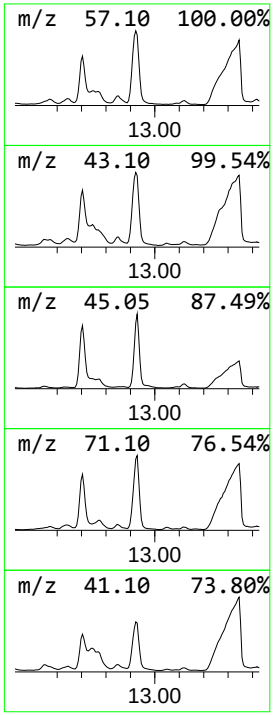
Peak Number 15 unknown12.92 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.927	70.36 ng	4582600	Naphthalene-d8	11.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyl-1-pentanol, methyl ether	144	C9H20O	1000365-12-6	38
2	Undecane	156	C11H24	001120-21-4	38
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	35
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	27
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	27





Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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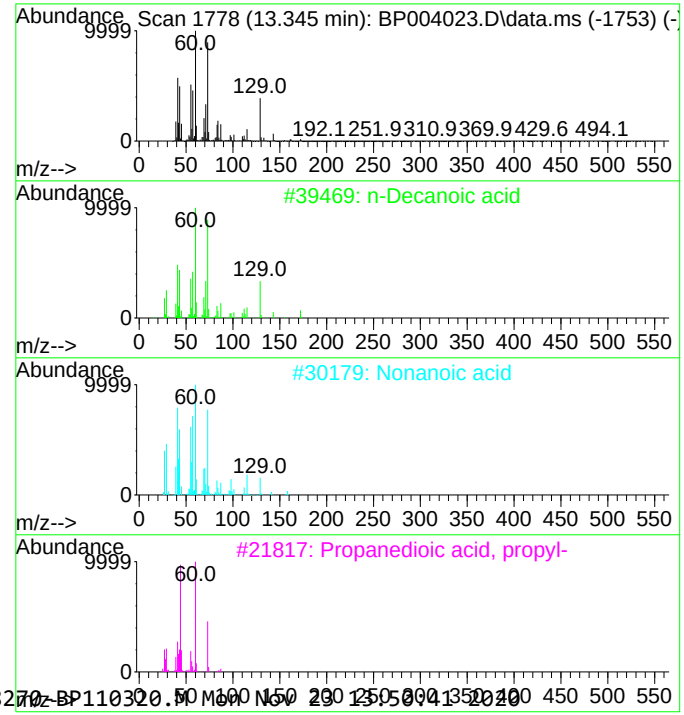
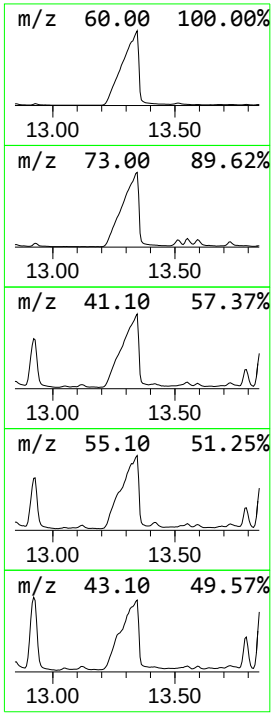
Peak Number 16 n-Decanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.345	115.46 ng	18583800	Acenaphthene-d10	14.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	90
2	Nonanoic acid	158	C9H18O2	000112-05-0	47
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	43
4	Octanoic acid	144	C8H16O2	000124-07-2	43
5	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
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Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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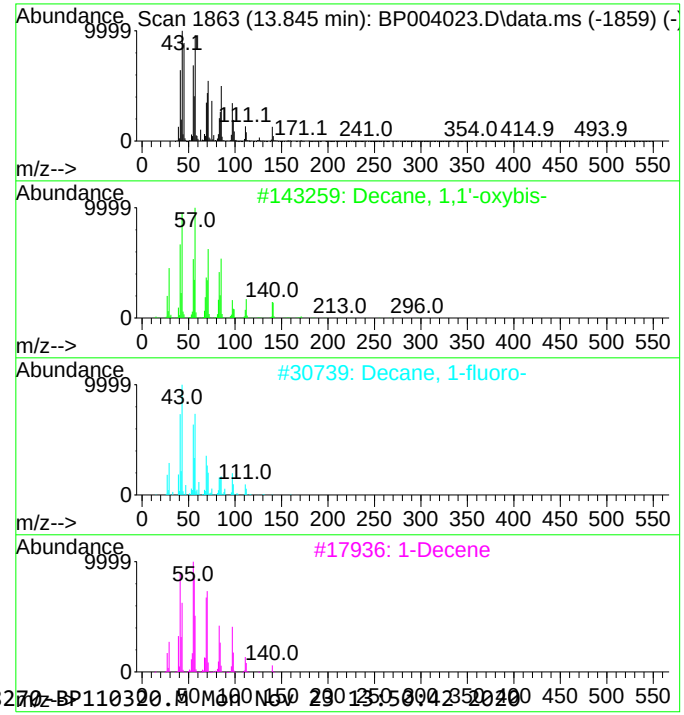
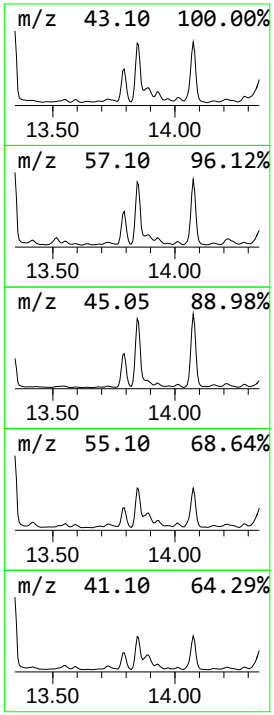
Peak Number 17 Decane, 1,1'-oxybis- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	19.10 ng	3074790	Acenaphthene-d10	14.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	52
2	Decane, 1-fluoro-	160	C10H21F	000334-56-5	49
3	1-Decene	140	C10H20	000872-05-9	46
4	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	42
5	Cyclodecane	140	C10H20	000293-96-9	38





Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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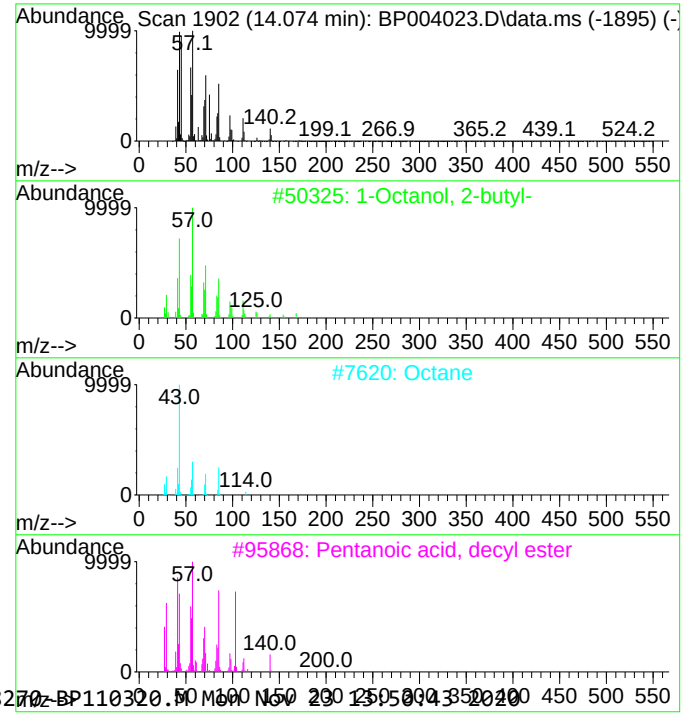
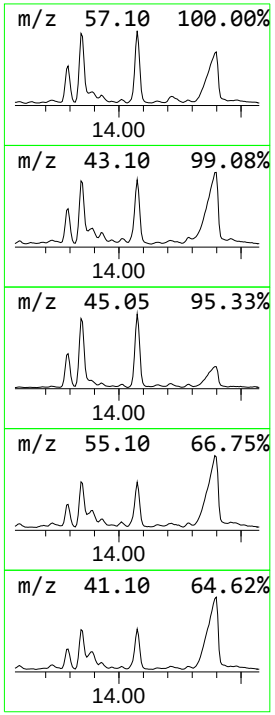
Peak Number 18 unknown14.07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.074	19.35 ng	3115060	Acenaphthene-d10	14.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	46
2	Octane	114	C8H18	000111-65-9	30
3	Pentanoic acid, decyl ester	242	C15H30O2	005454-12-6	25
4	1-Decene	140	C10H20	000872-05-9	25
5	Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	22





Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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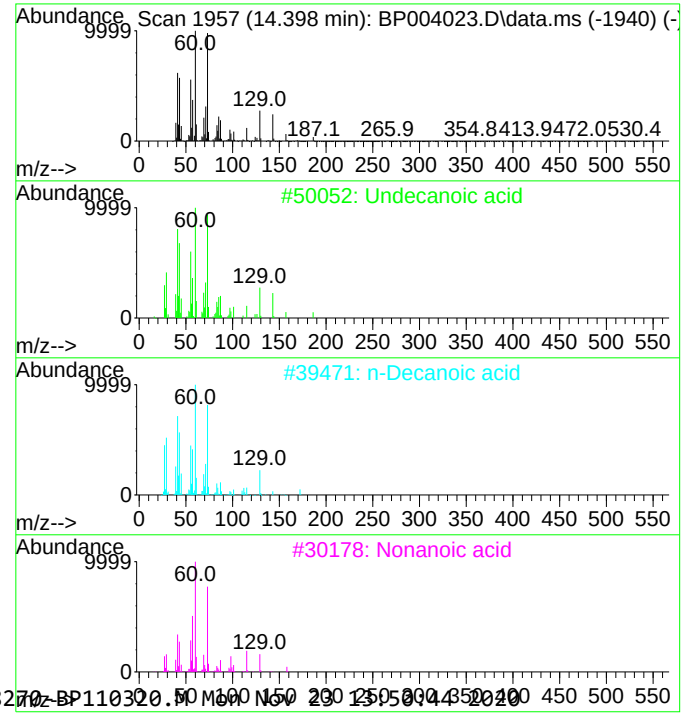
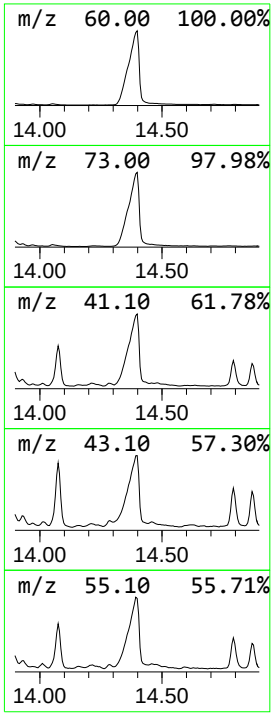
Peak Number 19 Undecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.398	60.68 ng	9766910	Acenaphthene-d10	14.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	96
2	n-Decanoic acid	172	C10H20O2	000334-48-5	59
3	Nonanoic acid	158	C9H18O2	000112-05-0	49
4	Hexanoic acid	116	C6H12O2	000142-62-1	38
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38





Instrument :
BNA_P
ClientSampleId :
1623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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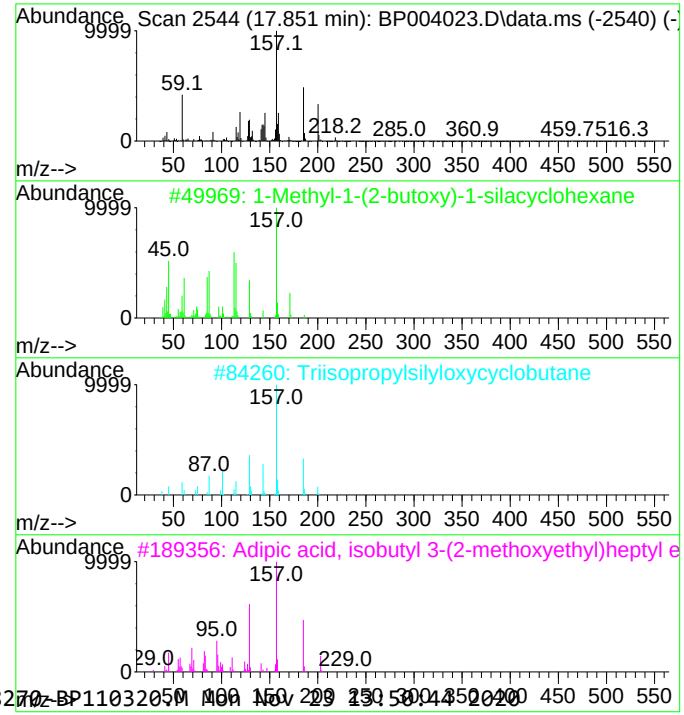
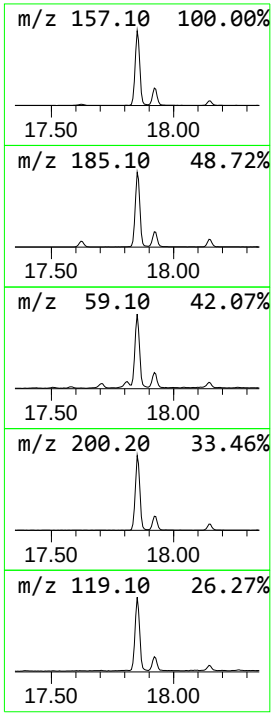
Peak Number 20 unknown17.85 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	31.77 ng	3028890	Phenanthrene-d10	17.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1-(2-butoxy)-1-silacycl...	186	C10H22OSi	1000245-78-5	38
2	Triisopropylsilyloxycyclobutane	228	C13H28OSi	1000283-09-4	32
3	Adipic acid, isobutyl 3-(2-metho...	358	C20H38O5	1000324-28-7	32
4	N-Methoxy-2-carbomethoxy-2-carbe...	203	C8H13NO5	063859-01-8	27
5	Bicyclo[3.3.1]nonane, 1-phenyl-	200	C15H20	026845-39-6	27





Instrument :
BNA_P
ClientSampleId :
1623

Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004023.D
Acq On : 20 Nov 2020 14:07
Operator : CG/JU
Sample : L4779-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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
Butane, 2-metho...	3.169	28.3	ng	1358070	1	8.269	958466	20.0
2-Butenoic acid...	5.016	12.4	ng	593132	1	8.269	958466	20.0
Butanoic acid, ...	5.204	22.9	ng	1098810	1	8.269	958466	20.0
1-Hexanol, 2-et...	8.339	31.2	ng	1494720	1	8.269	958466	20.0
Eucalyptol	8.592	23.4	ng	1122820	1	8.269	958466	20.0
unknown8.98	8.986	43.2	ng	2071870	1	8.269	958466	20.0
Hexanoic acid, ...	9.775	74.0	ng	4820270	2	11.098	1302540	20.0
1-Octanol, 2-me...	10.004	56.4	ng	3675470	2	11.098	1302540	20.0
(+)-2-Bornanone	10.498	32.6	ng	2122700	2	11.098	1302540	20.0
Octanoic acid, ...	11.375	35.0	ng	2282170	2	11.098	1302540	20.0
Hexyl octyl ether	11.533	50.6	ng	3298620	2	11.098	1302540	20.0
Phenol, 4-propyl-	11.922	23.1	ng	1501190	2	11.098	1302540	20.0
Nonanoic acid	12.104	277.2	ng	18054100	2	11.098	1302540	20.0
unknown12.70	12.704	54.6	ng	3553570	2	11.098	1302540	20.0
unknown12.92	12.927	70.4	ng	4582600	2	11.098	1302540	20.0
n-Decanoic acid	13.345	115.5	ng	18583800	3	14.892	3219210	20.0
Decane, 1,1'-ox...	13.845	19.1	ng	3074790	3	14.892	3219210	20.0
unknown14.07	14.074	19.4	ng	3115060	3	14.892	3219210	20.0
Undecanoic acid	14.398	60.7	ng	9766910	3	14.892	3219210	20.0
unknown17.85	17.851	31.8	ng	3028890	4	17.621	1906760	20.0