LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009081.D
Acq On : 09 Feb 2022 16:56
Operator : CG/JU
Sample : N1405-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 148

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	17	25	44	rBV2	22077330	71081596	77.61%	6.870%
2	5.334	390	399	406	rVB	13506264	29749418	32.48%	2.875%
3	5.493	413	426	434	rVB	22997897	91592433	100.00%	8.852%
4	5.840	476	485	492	rVB	19979207	45223806	49.38%	4.371%
5	5.928	492	500	508	rBV	2031563	4460483	4.87%	0.431%
6	6.293	556	562	569	rBV4	1903234	3590565	3.92%	0.347%
7	6.363	569	574	579	rBV	2425493	3919880	4.28%	0.379%
8	6.446	579	588	591	rBV3	2215972	4487580	4.90%	0.434%
9	6.705	624	632	637	rBV3	1634694	4197989	4.58%	0.406%
10	6.805	637	649	654	rBV3	4383800	10922962	11.93%	1.056%
11	6.863	654	659	662	rVV	3989254	6264515	6.84%	0.605%
12	6.899	662	665	670	rVV	3673174	5659182	6.18%	0.547%
13	6.969	670	677	683	rVB3	5483723	10909637	11.91%	1.054%
14	7.034	683	688	694	rBV	2957429	4883401	5.33%	0.472%
15	7.193	710	715	720	rBV2	1773985	3156703	3.45%	0.305%
16	7.293	723	732	737	rVV	2467014	5588634	6.10%	0.540%
17	7.457	751	760	769	rBV2	15853735	37485998	40.93%	3.623%
18	7.610	777	786	789	rBV3	2155365	5038675	5.50%	0.487%
19	7.728	798	806	811	rBV5	1767457	5141469	5.61%	0.497%
20	7.793	811	817	823	rVB2	6317174	11758855	12.84%	1.136%
21	7.881	823	832	836	rBV4	2101573	5963839	6.51%	0.576%
22	7.928	836	840	848	rVB2	2709022	4928486	5.38%	0.476%
23	8.004	848	853	857	rBV	2722717	4134999	4.51%	0.400%
24	8.099	861	869	876	rVB4	4875597	11333383	12.37%	1.095%
25	8.163	876	880	890	rVB3	1374342	3686255	4.02%	0.356%
26	8.351	900	912	918	rBV3	6894772	17797094	19.43%	1.720%
27	8.410	918	922	925	rBV	3482343	4579742	5.00%	0.443%
28	8.457	925	930	932	rBV2	5484479	9221050	10.07%	0.891%
29	8.587	945	952	955	rBV	5794514	10682221	11.66%	1.032%
30	8.769	978	983	987	rBV	2206030	3897246	4.25%	0.377%
31	8.816	987	991	998	rVB	2666173	5194477	5.67%	0.502%
32	8.922	998	1009	1014	rBV2	6999204	16743191	18.28%	1.618%
33	9.075	1026	1035	1041	rVB	13861947	35828058	39.12%	3.463%
34	9.175	1041	1052	1058	rBV7	4623748	14163953	15.46%	1.369%
35	9.257	1058	1066	1067	rBV4	2286515	3956168	4.32%	0.382%
36	9.457	1095	1100	1104	rBV2	2720092	5460123	5.96%	0.528%

LSC Area Percent Report

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Sample : N1405-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 148

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.510	1105	1109	1111	rBV	2773968	4372659	4.77%	0.423%
38	10.151	1212	1218	1222	rVV2	2694534	4891440	5.34%	0.473%
39	10.246	1230	1234	1241	rVB	3827889	6625877	7.23%	0.640%
40	10.316	1241	1246	1250	rBV	2017430	3756127	4.10%	0.363%
41	10.528	1277	1282	1285	rVV5	2073789	4466382	4.88%	0.432%
42	10.610	1286	1296	1302	rVB3	11813706	30296545	33.08%	2.928%
43	10.734	1313	1317	1322	rVV4	3102361	6593022	7.20%	0.637%
44	10.787	1322	1326	1331	rVV	5310688	8661225	9.46%	0.837%
45	10.845	1331	1336	1343	rVV5	2359396	5011142	5.47%	0.484%
46	11.022	1359	1366	1372	rBV4	2814033	6238439	6.81%	0.603%
47	11.087	1372	1377	1380	rBV2	1983419	3922136	4.28%	0.379%
48	11.322	1406	1417	1421	rBV4	4262689	13640578	14.89%	1.318%
49	11.463	1437	1441	1451	rVB6	4403805	11590290	12.65%	1.120%
50	11.545	1451	1455	1460	rVB3	3441052	5310277	5.80%	0.513%
51	11.651	1468	1473	1483	rBV4	5084870	11457175	12.51%	1.107%
52	11.810	1495	1500	1508	rBV2	4434681	11468774	12.52%	1.108%
53	12.063	1536	1543	1549	rVB3	11413145	32348999	35.32%	3.126%
54	12.169	1557	1561	1567	rVB2	2858219	5101899	5.57%	0.493%
55	12.434	1593	1606	1612	rVB3	9917861	32838104	35.85%	3.174%
56	12.534	1619	1623	1629	rVB3	2218175	3668773	4.01%	0.355%
57	12.681	1643	1648	1651	rBV2	2104481	3131515	3.42%	0.303%
58	12.722	1651	1655	1662	rVB3	2702277	5998610	6.55%	0.580%
59	12.787	1662	1666	1673	rBV4	2092705	3574770	3.90%	0.345%
60	12.857	1674	1678	1683	rVB	3041096	4703004	5.13%	0.455%
61	12.945	1689	1693	1698	rBV3	2563204	4106780	4.48%	0.397%
62	12.998	1698	1702	1707	rVV2	4766224	7155231	7.81%	0.692%
63	13.081	1707	1716	1724	rVB	6674916	12033215	13.14%	1.163%
64	13.292	1744	1752	1758	rBV	9001873	16960228	18.52%	1.639%
65	13.939	1854	1862	1866	rBV3	2533849	5234856	5.72%	0.506%
66	14.357	1928	1933	1938	rVB	6160813	8430527	9.20%	0.815%
67	14.428	1940	1945	1947	rBV	2323615	3603830	3.93%	0.348%
68	14.451	1947	1949	1958	rVB	2227058	3393583	3.71%	0.328%
69	14.692	1983	1990	1999	rVB	1769077	3370201	3.68%	0.326%
70	14.816	1999	2011	2015	rBV	6115326	16014708	17.48%	1.548%
71	15.239	2072	2083	2088	rBV	4925985	11700751	12.77%	1.131%
72	15.310	2090	2095	2100	rVB	5776561	7772181	8.49%	0.751%
73	15.716	2158	2164	2169	rBV	1800187	3276996	3.58%	0.317%
74	15.957	2197	2205	2211	rVV2	4490655	7870291	8.59%	0.761%
75	16.180	2238	2243	2250	rBV	6457061	12837072	14.02%	1.241%
76	16.545	2297	2305	2309	rBV	4258926	6765052	7.39%	0.654%

LSC Area Percent Report

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Acq On : 09 Feb 2022 16:56
Operator : CG/JU
Sample : N1405-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 148

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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.975	2373	2378	2382	rBV	5702869	7633839	8.33%	0.738%
78	17.028	2382	2387	2397	rVB	2204958	4115630	4.49%	0.398%
79	17.210	2414	2418	2424	rBV	2506050	3580047	3.91%	0.346%
80	17.716	2500	2504	2509	rVB	5249320	6123271	6.69%	0.592%
81	17.880	2528	2532	2537	rVB	4520768	5871476	6.41%	0.567%
82	18.110	2565	2571	2572	rBV2	6016644	8867755	9.68%	0.857%
83	18.386	2614	2618	2623	rBV	4927814	6055023	6.61%	0.585%
84	18.510	2636	2639	2646	rVB2	2369530	3154230	3.44%	0.305%
85	18.933	2707	2711	2717	rBV	6282431	9104916	9.94%	0.880%
86	18.998	2718	2722	2728	rVB	3925544	5341545	5.83%	0.516%
87	19.210	2753	2758	2760	rBV2	2832139	4305848	4.70%	0.416%
88	19.233	2760	2762	2768	rVB	3133550	4062447	4.44%	0.393%
89	19.357	2775	2783	2785	rBV2	7057675	12232383	13.36%	1.182%
90	19.380	2785	2787	2799	rVB	4915813	7767151	8.48%	0.751%
91	19.557	2814	2817	2821	rBV	2850019	3569820	3.90%	0.345%
92	19.774	2849	2854	2860	rVB	10307906	14020160	15.31%	1.355%
93	20.263	2933	2937	2941	rBV2	2213542	3008213	3.28%	0.291%
94	20.463	2967	2971	2978	rVB2	5155635	8313995	9.08%	0.804%
95	21.304	3112	3114	3123	rVB	2277515	3129028	3.42%	0.302%
96	21.410	3129	3132	3135	rVB	3878853	4110020	4.49%	0.397%
97	22.198	3262	3266	3273	rVB3	3957328	6655663	7.27%	0.643%
98	22.415	3299	3303	3308	rVB2	5300827	7957556	8.69%	0.769%
99	23.657	3509	3514	3519	rVB2	2871538	5320373	5.81%	0.514%
100	25.321	3791	3797	3806	rVB2	2777809	7502907	8.19%	0.725%

Sum of corrected areas: 1034680626

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009081.D
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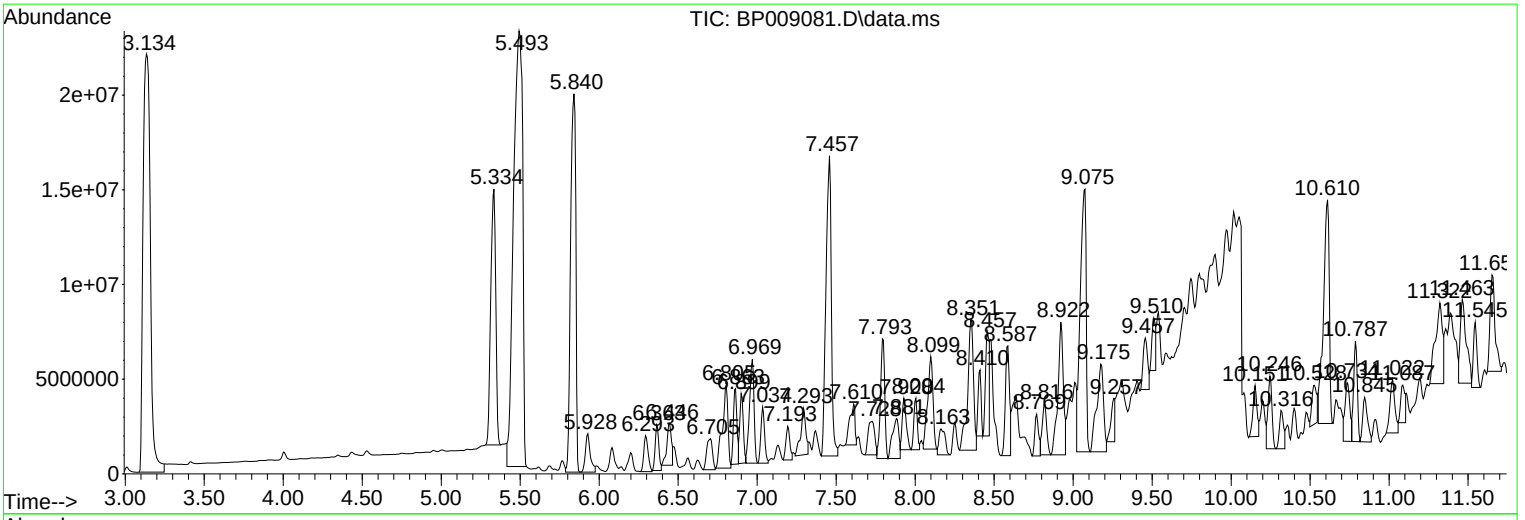
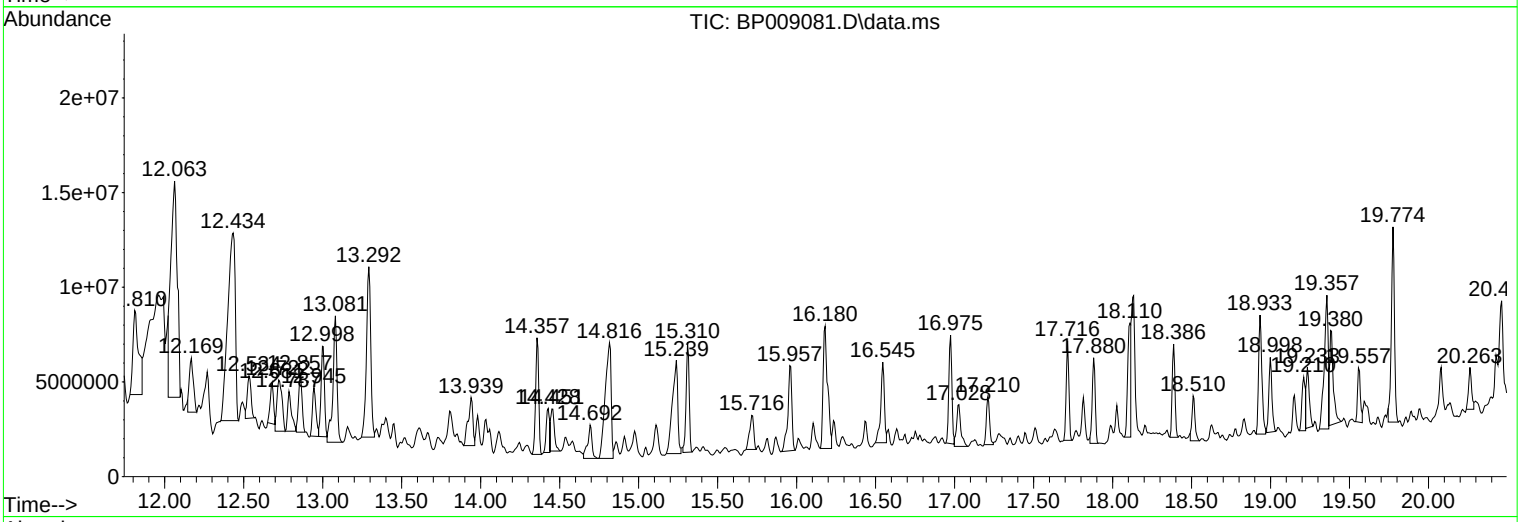
Misc :
ALS Vial : 11 Sample Multiplier: 1

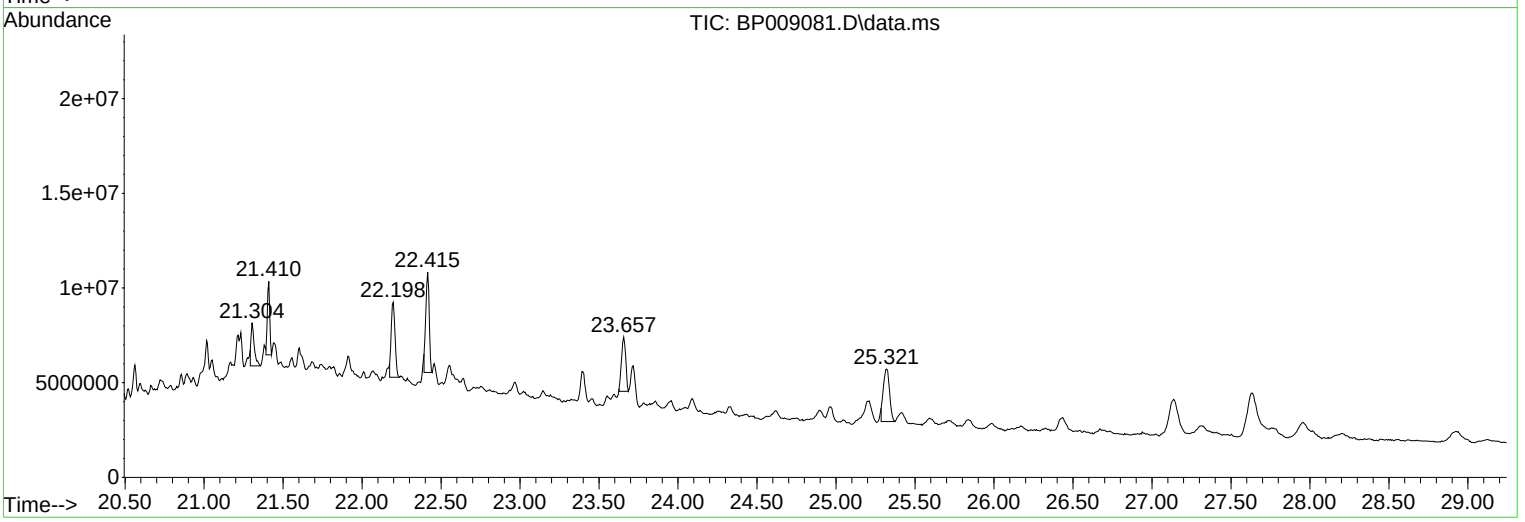
Instrument :
BNA_P
ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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\BP020922\
Data File : BP009081.D
Acq On : 09 Feb 2022 16:56
Operator : CG/JU
Sample : N1405-01
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Instrument :
BNA_P
ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

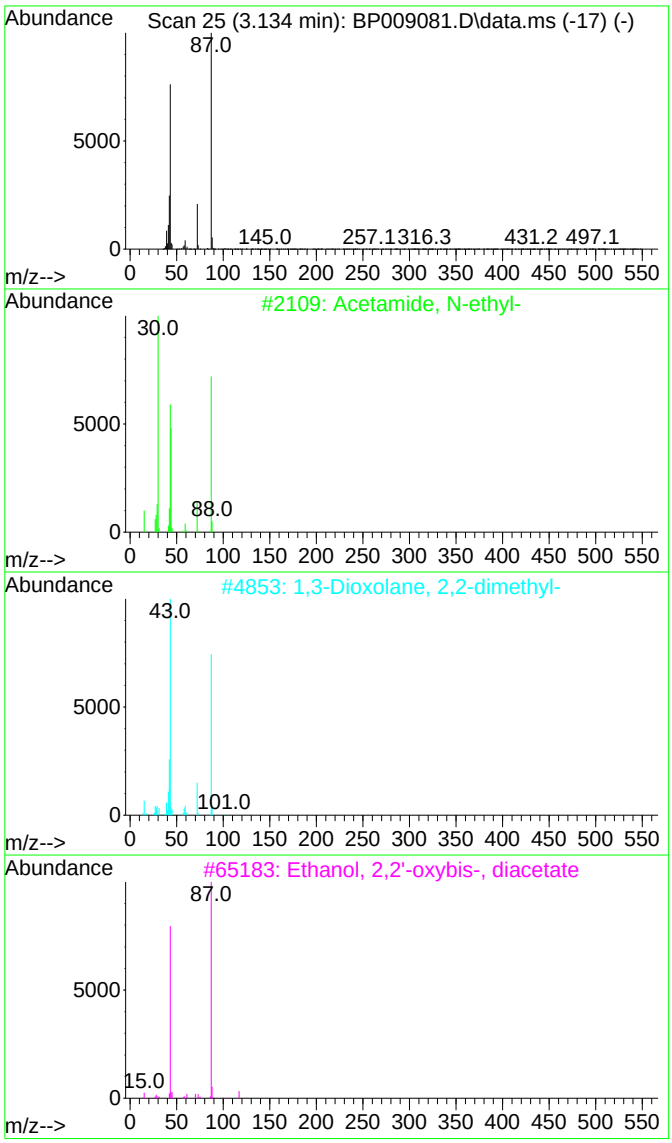
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

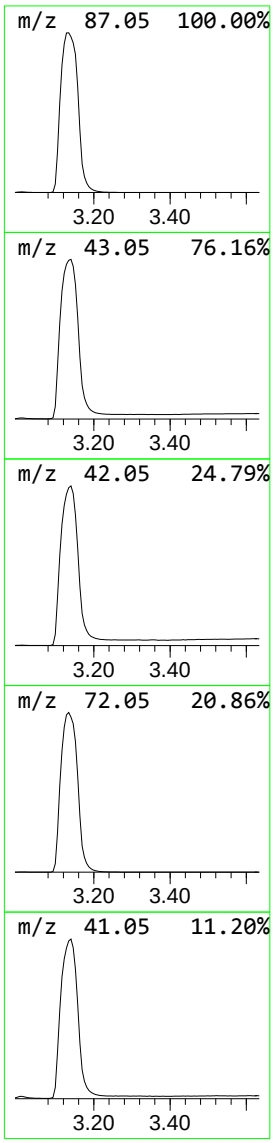
****

Peak Number 1 Acetamide, N-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.134	120.90 ng	71081600	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	64
2	1,3-Dioxolane, 2,2-dimethyl-	102	C5H10O2	002916-31-6	50
3	Ethanol, 2,2'-oxybis-, diacetate	190	C8H14O5	000628-68-2	42
4	Ethanol, 2,2'-[1,2-ethanediylbis...	234	C10H18O6	000111-21-7	33
5	Isobutane	58	C4H10	000075-28-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009081.D
Acq On : 09 Feb 2022 16:56
Operator : CG/JU
Sample : N1405-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

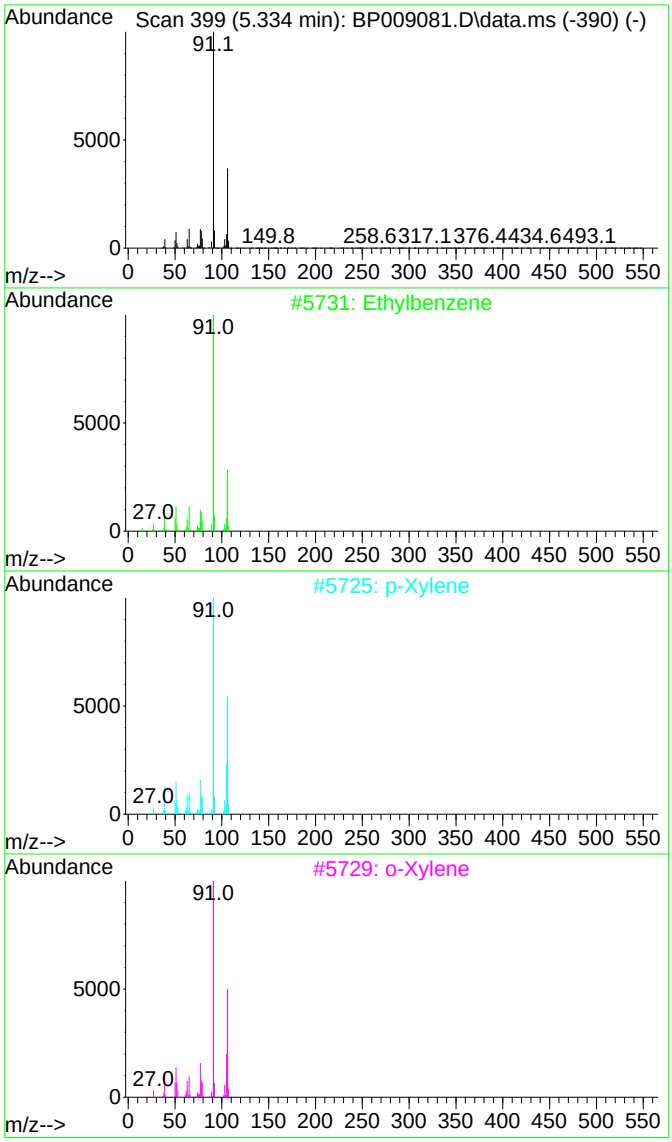
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

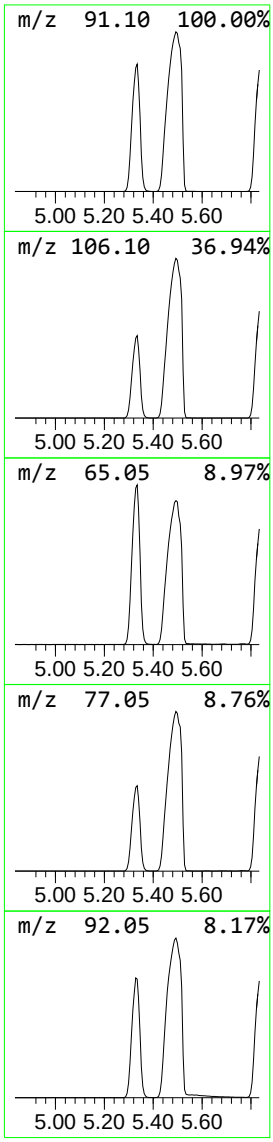
****

Peak Number 2 Ethylbenzene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.334	50.60 ng	29749400	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	p-Xylene	106	C8H10	000106-42-3	83
3	o-Xylene	106	C8H10	000095-47-6	76
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	76
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
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Acq On : 09 Feb 2022 16:56
Operator : CG/JU
Sample : N1405-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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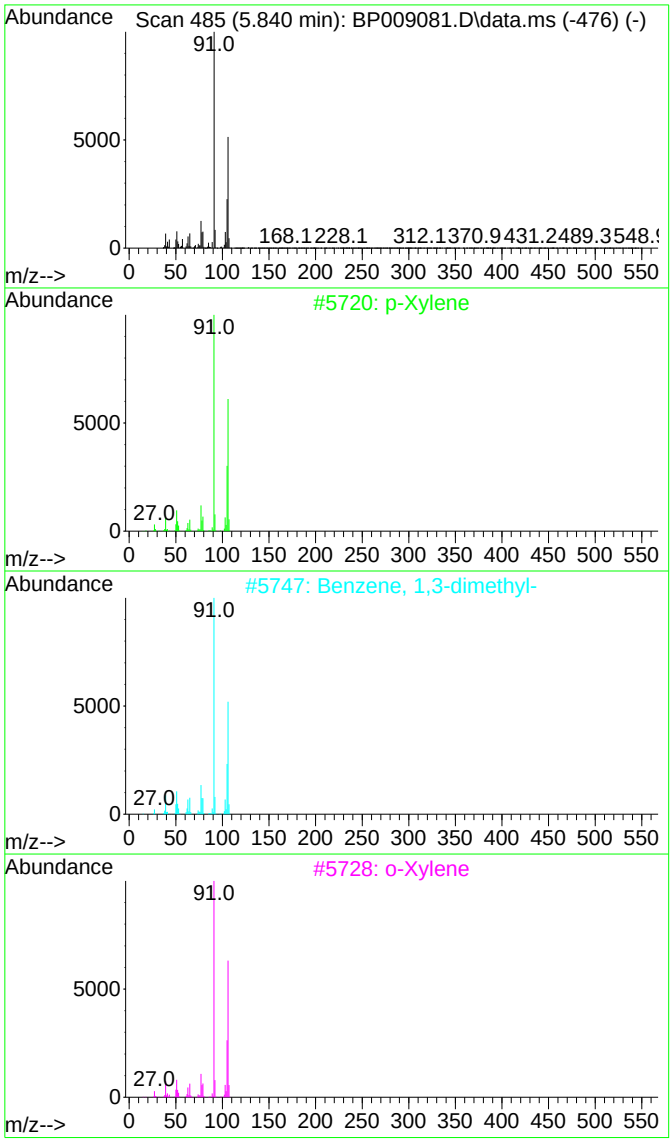
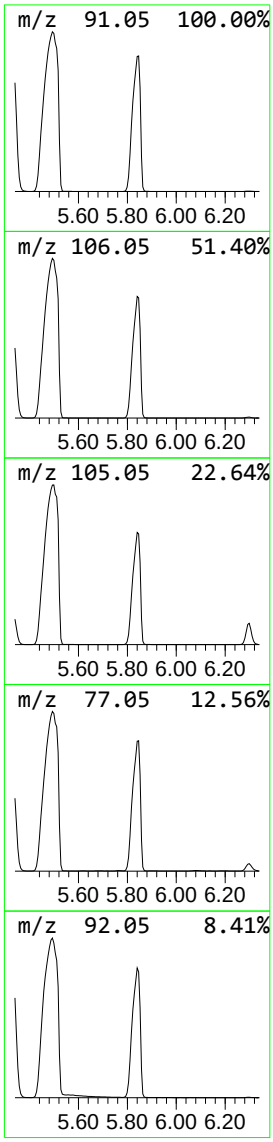
Peak Number 3 p-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.840	76.92 ng	45223800	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	95
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009081.D
Acq On : 09 Feb 2022 16:56
Operator : CG/JU
Sample : N1405-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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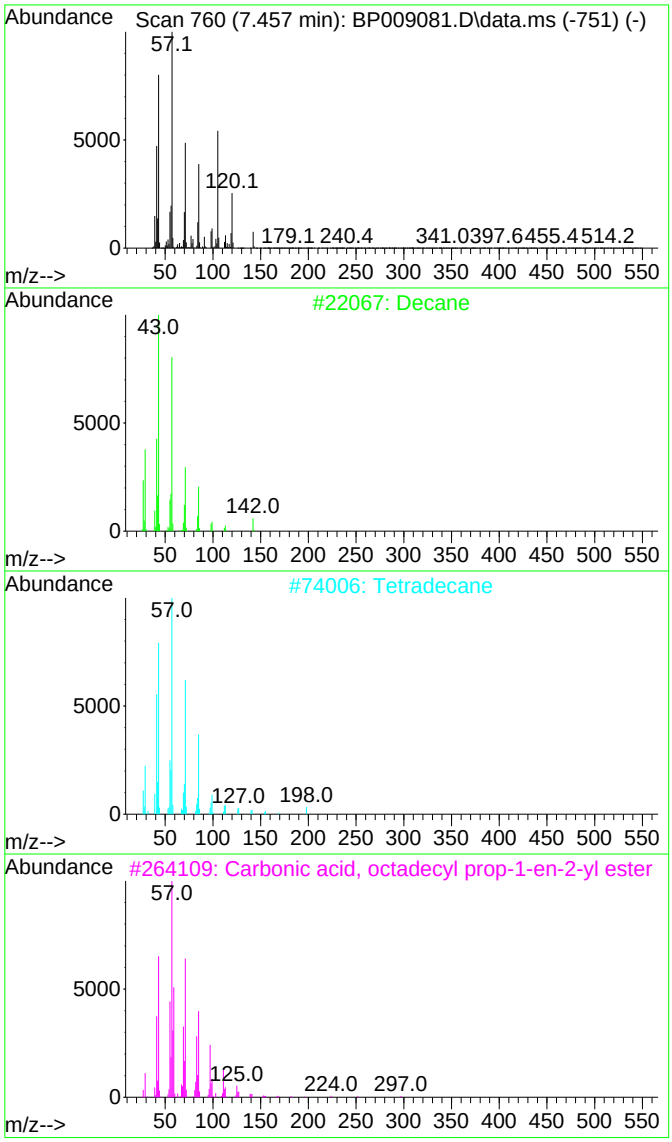
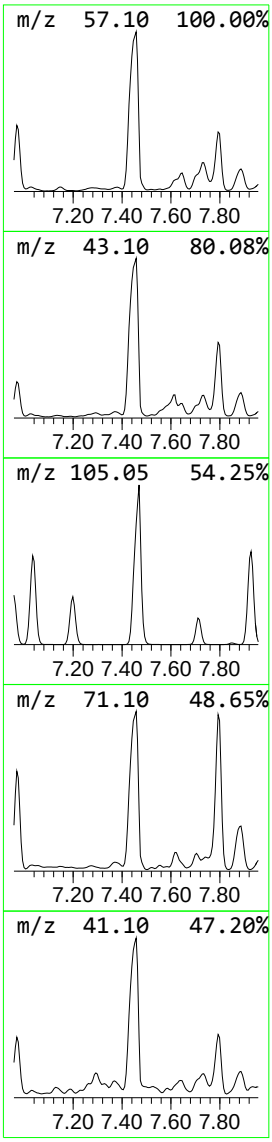
Peak Number 4 Decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.457	63.76 ng	37486000	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	Tetradecane	198	C14H30	000629-59-4	72
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Pentadecane	212	C15H32	000629-62-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009081.D
Acq On : 09 Feb 2022 16:56
Operator : CG/JU
Sample : N1405-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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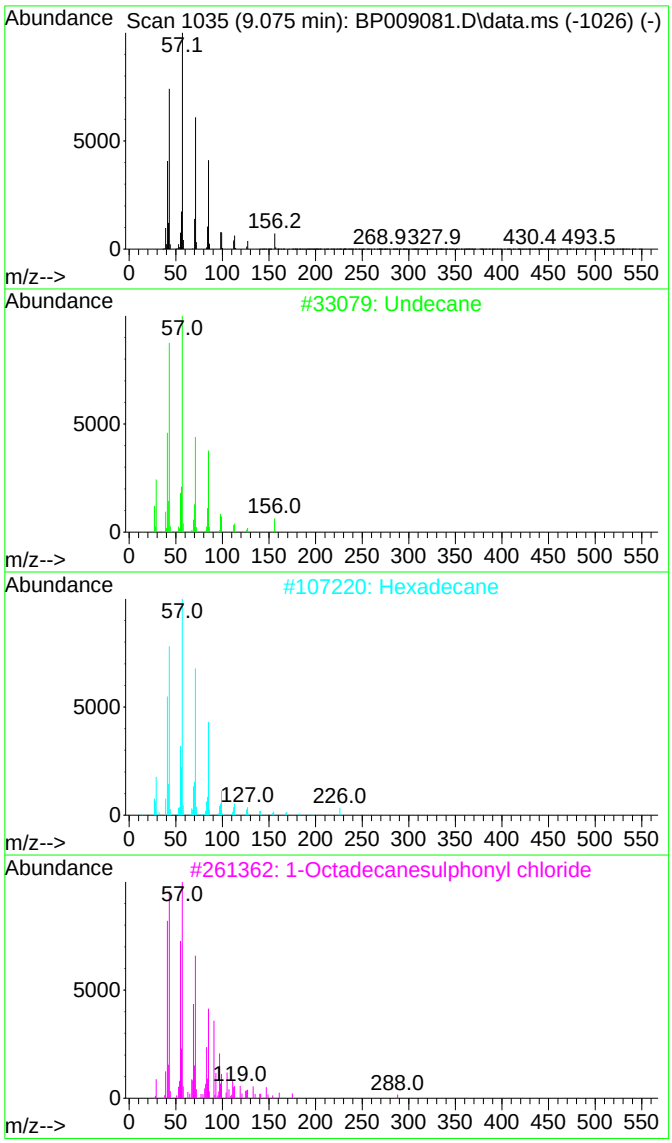
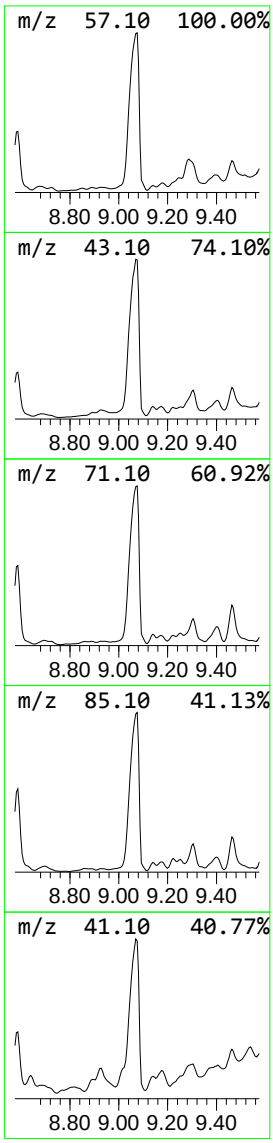
Peak Number 5 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.075	60.94 ng	35828100	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tritetracontane	605	C43H88	007098-21-7	90





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Acq On : 09 Feb 2022 16:56
Operator : CG/JU
Sample : N1405-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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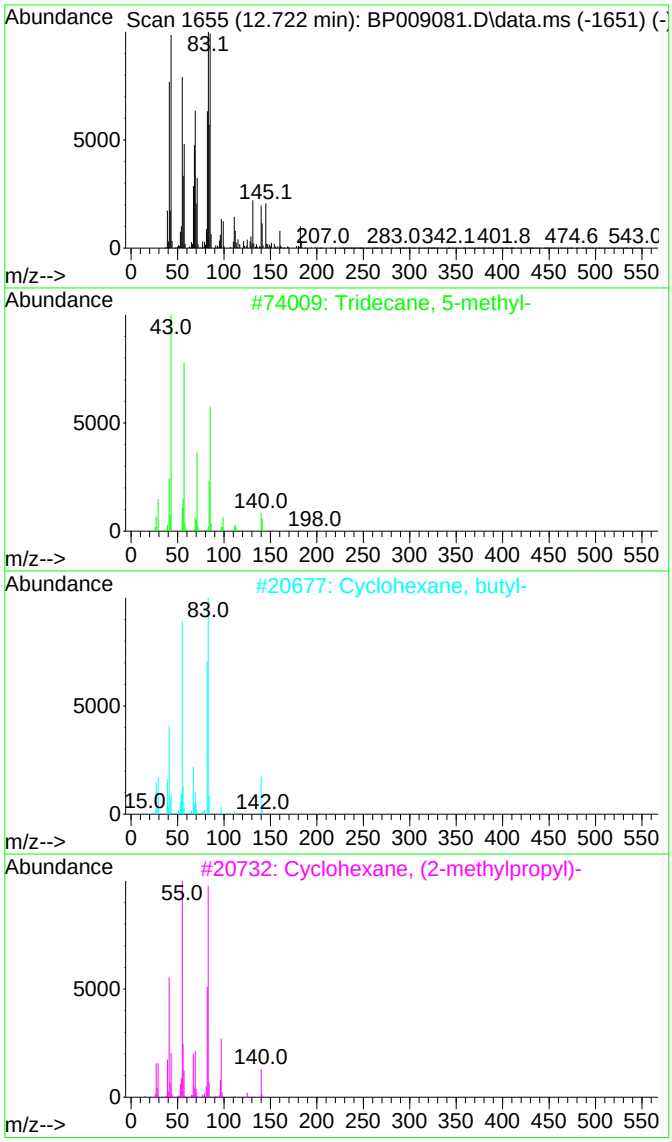
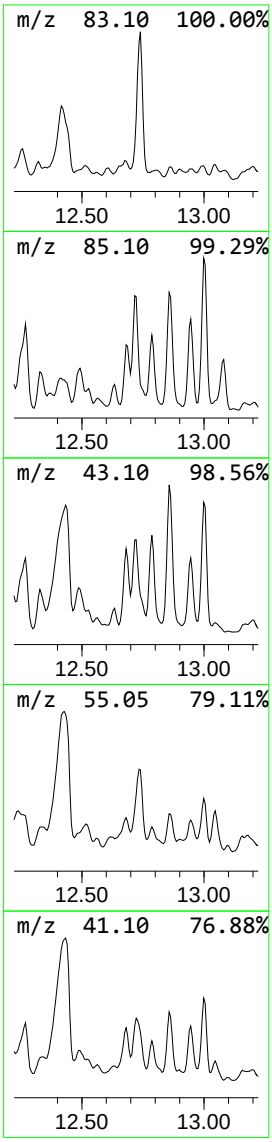
Peak Number 6 unknown12.722 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	35.35 ng	5998610	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-methyl-	198	C14H30	025117-31-1	38
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	30
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	30
4	Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	30
5	Cyclohexane, 1,1'-(1,2-ethanediy...	194	C14H26	003321-50-4	22





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Operator : CG/JU
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Instrument :
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ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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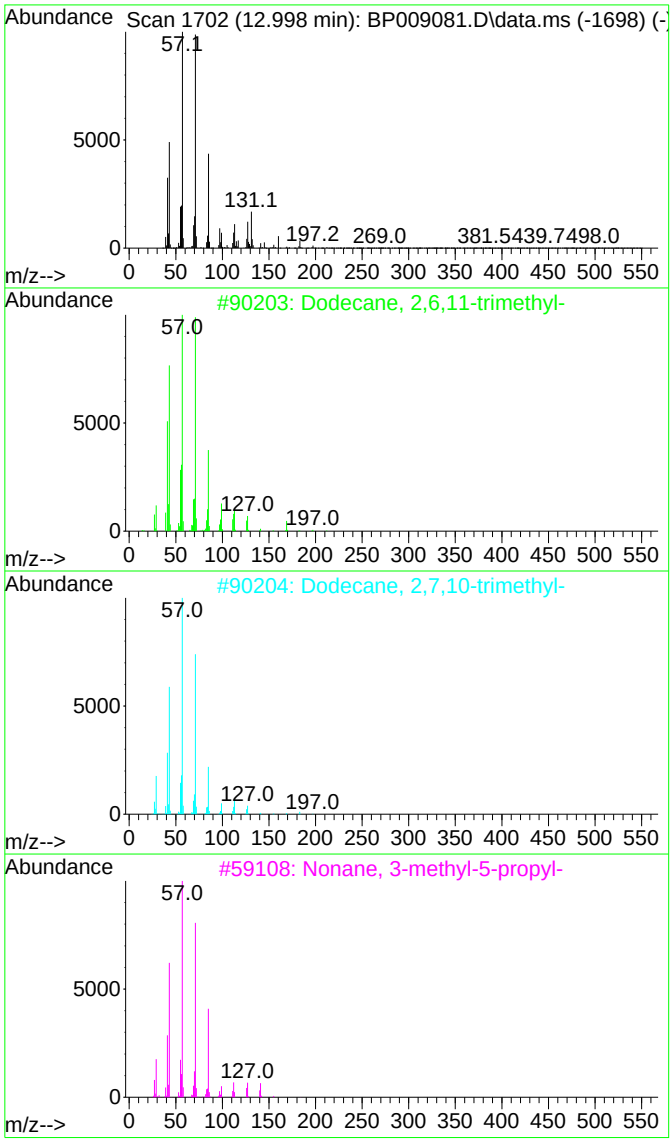
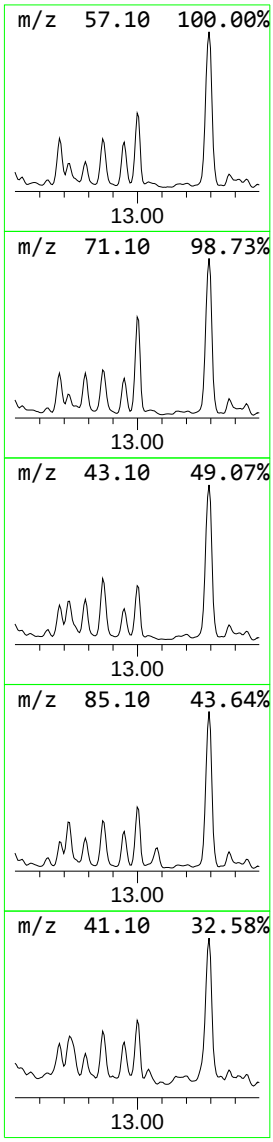
Peak Number 7 Dodecane, 2,6,11-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.998	42.17 ng	7155230	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	76
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	53





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Instrument :
BNA_P
ClientSampleId :
148

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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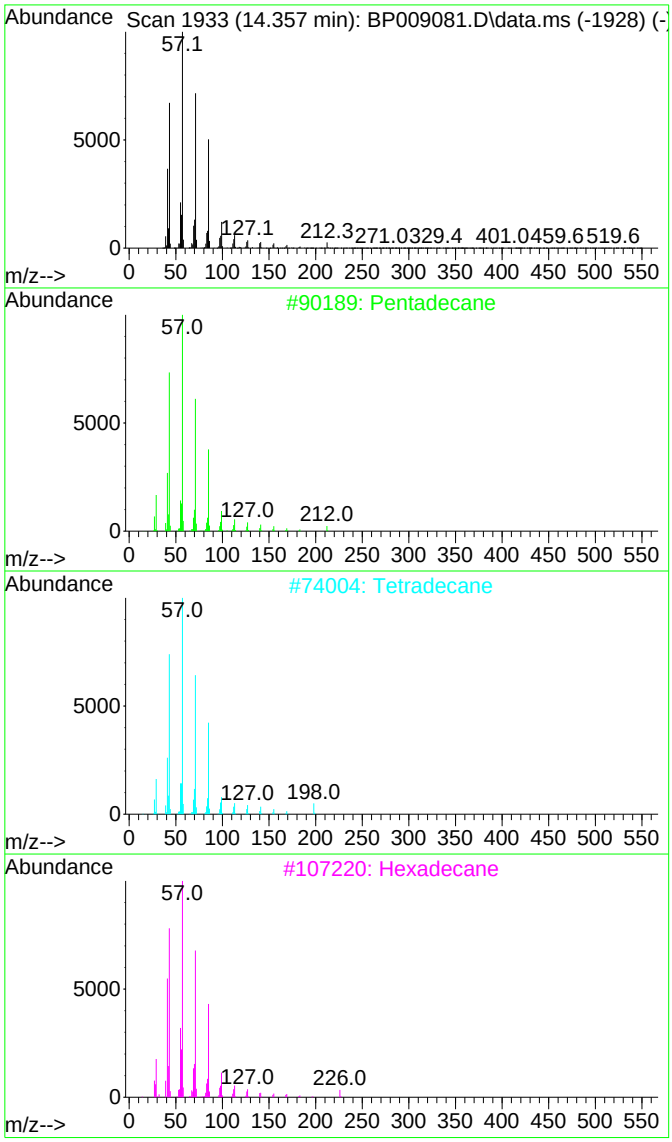
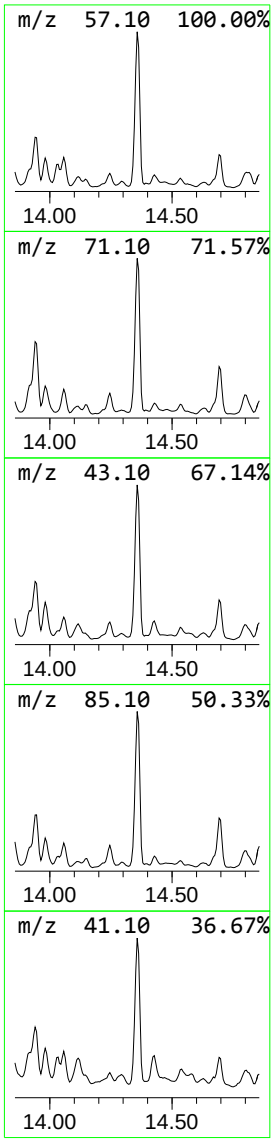
Peak Number 8 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.357	49.69 ng	8430530	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	97
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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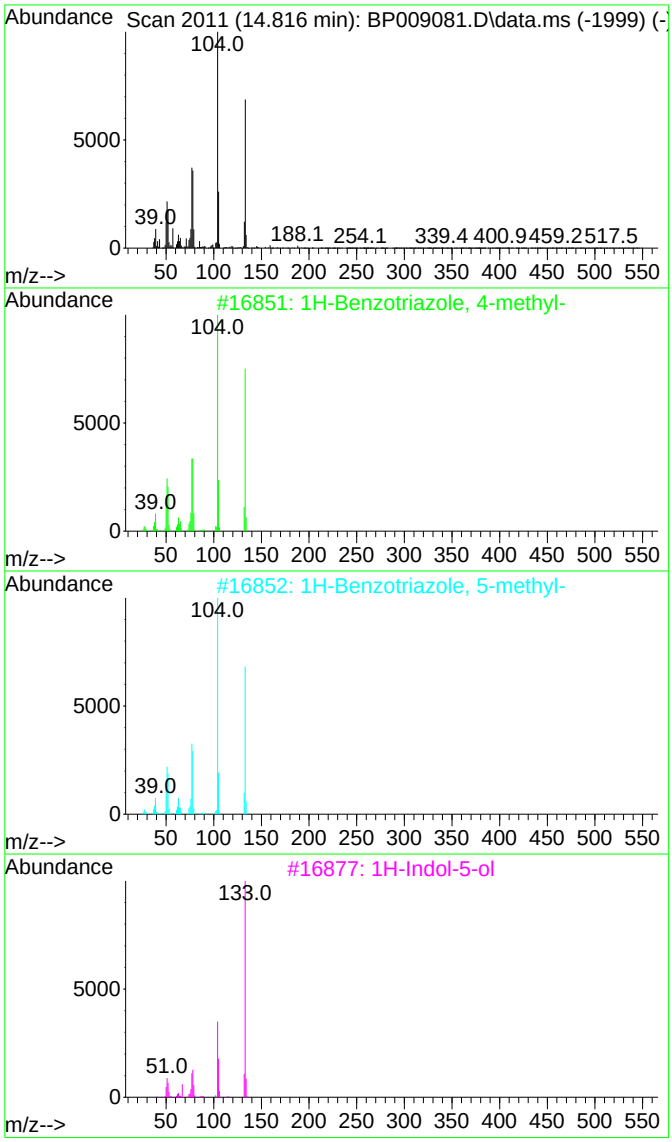
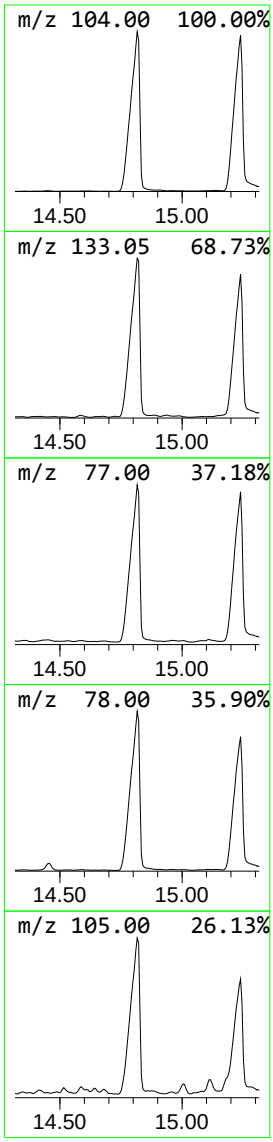
Peak Number 9 1H-Benzotriazole, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	94.38 ng	16014700	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	98
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	96
3	1H-Indol-5-ol	133	C8H7NO	001953-54-4	90
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	74
5	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	59





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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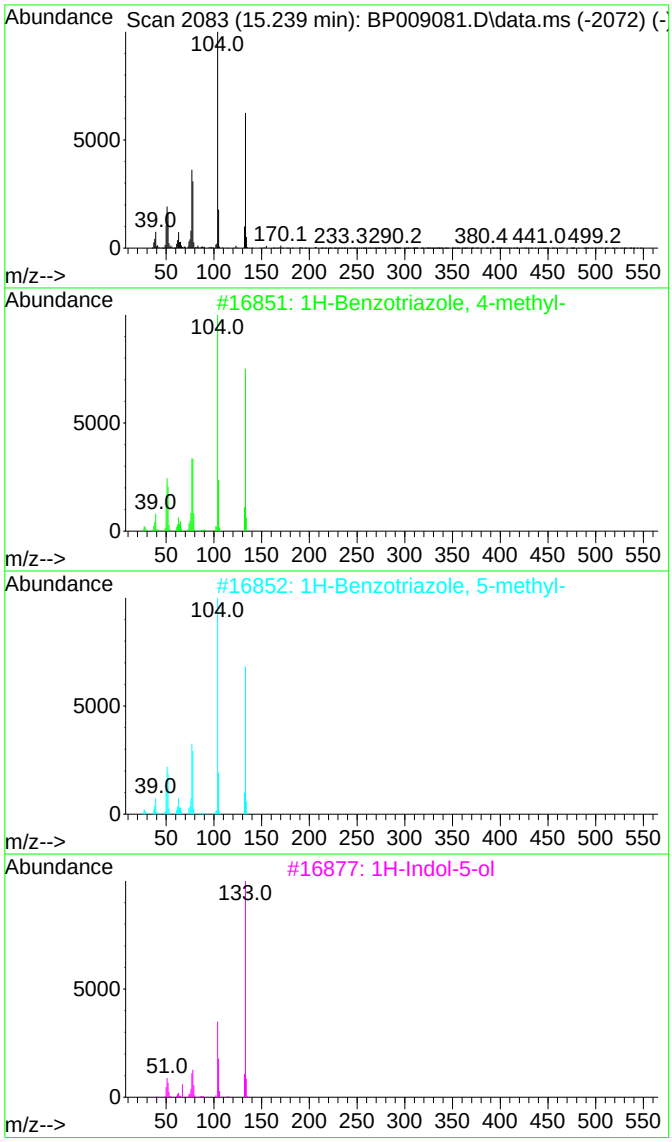
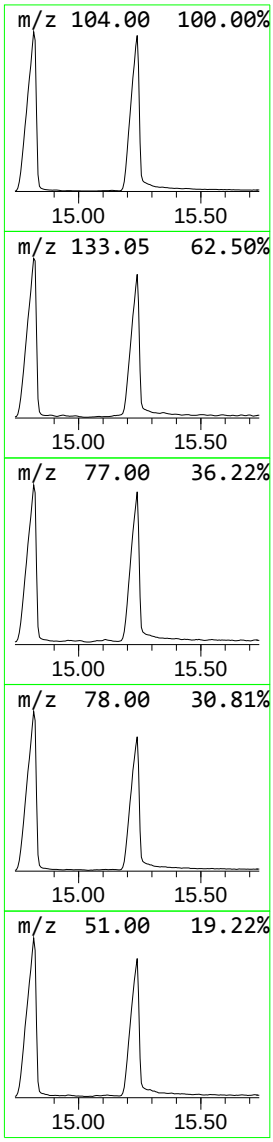
Peak Number 10 1H-Benzotriazole, 5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	68.96 ng	11700800	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	97
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	96
3	1H-Indol-5-ol	133	C8H7NO	001953-54-4	86
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	83
5	Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	72





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Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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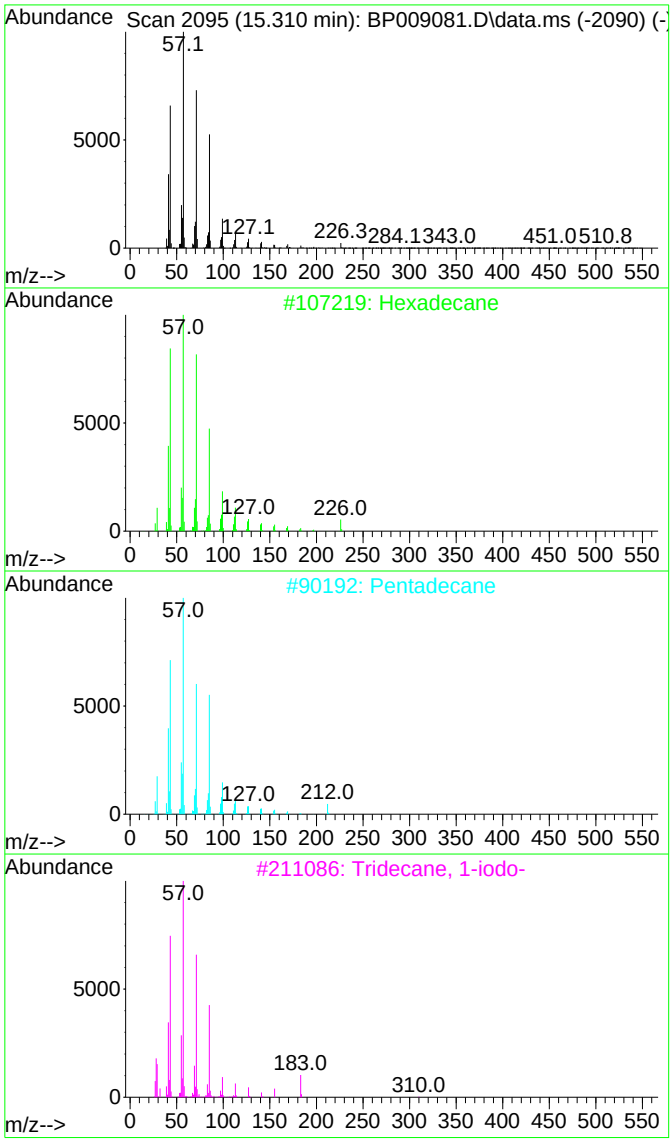
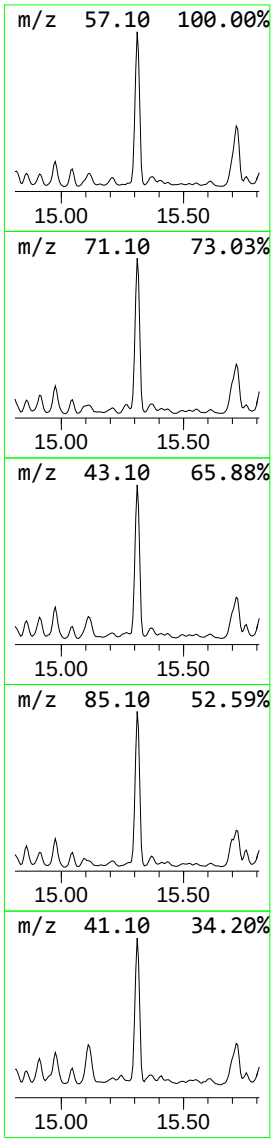
Peak Number 11 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	45.81 ng	7772180	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
5	Tetradecane	198	C14H30	000629-59-4	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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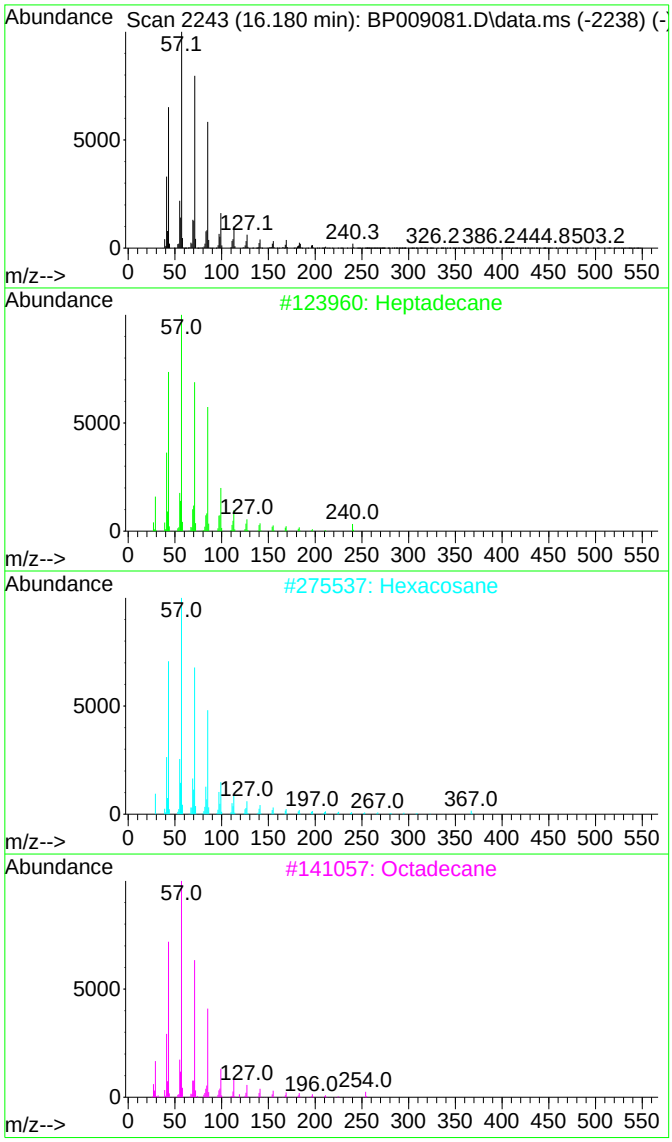
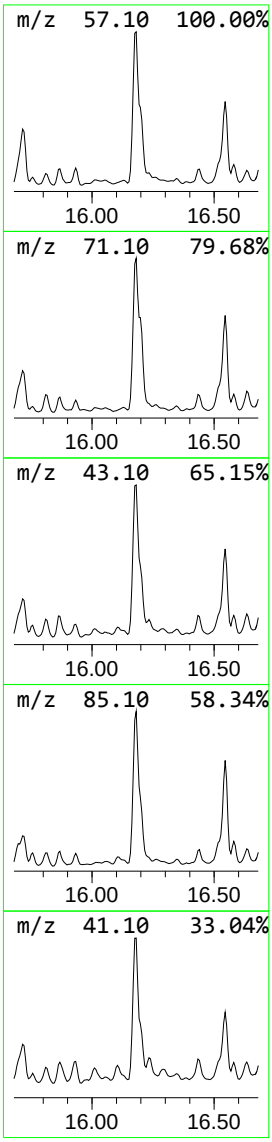
Peak Number 12 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.180	71.71 ng	12837100	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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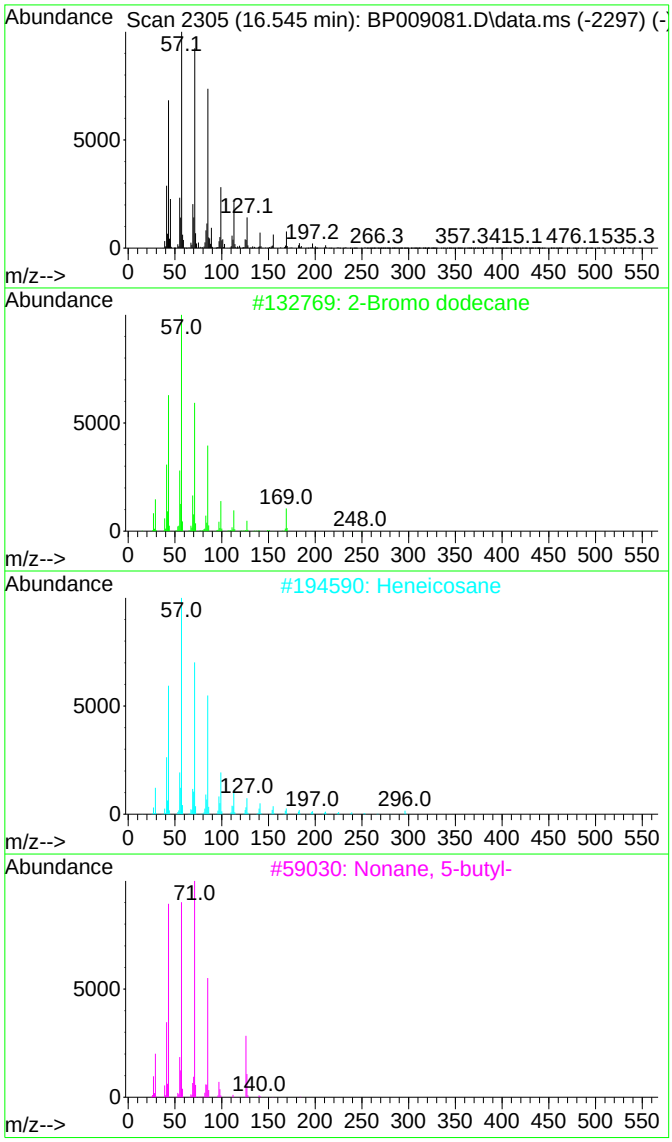
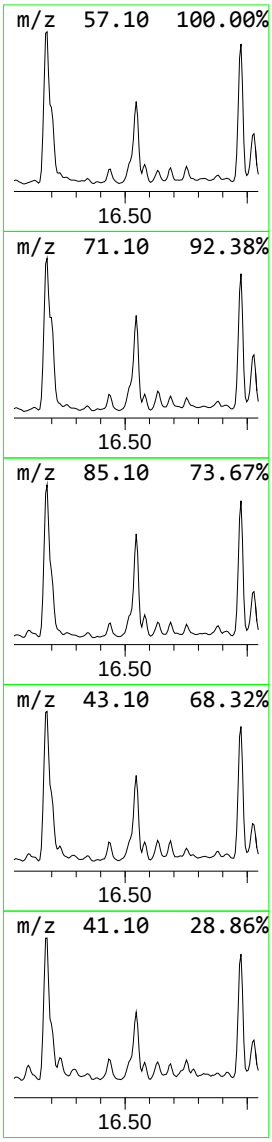
Peak Number 13 2-Bromo dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	37.79 ng	6765050	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
2	Heneicosane	296	C21H44	000629-94-7	72
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	70
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	55
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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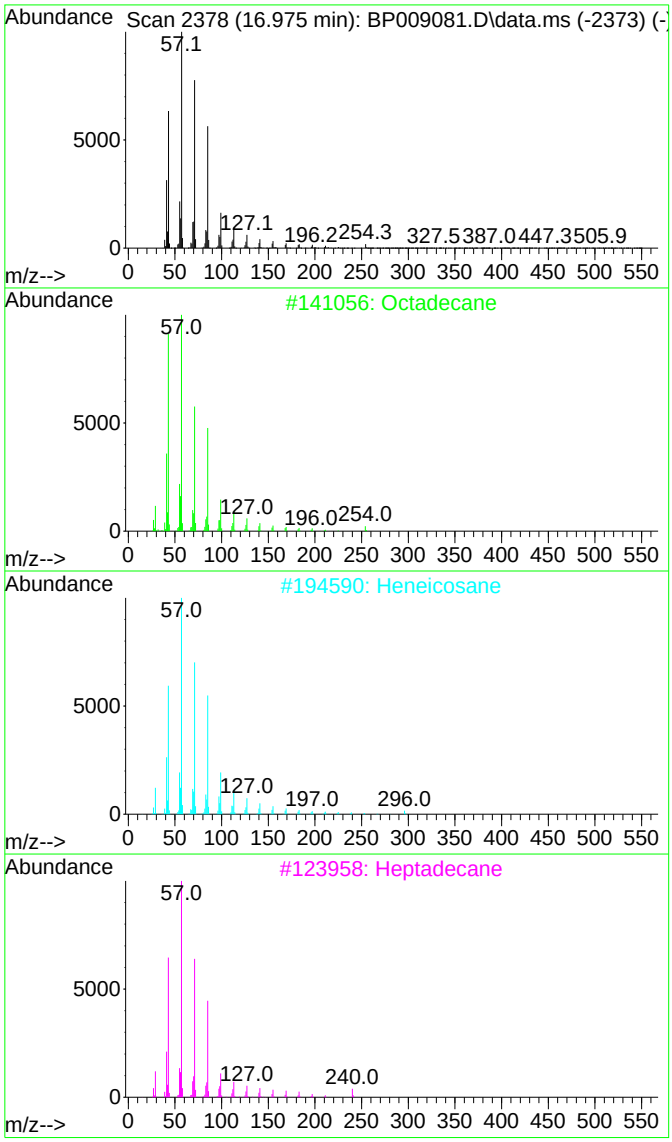
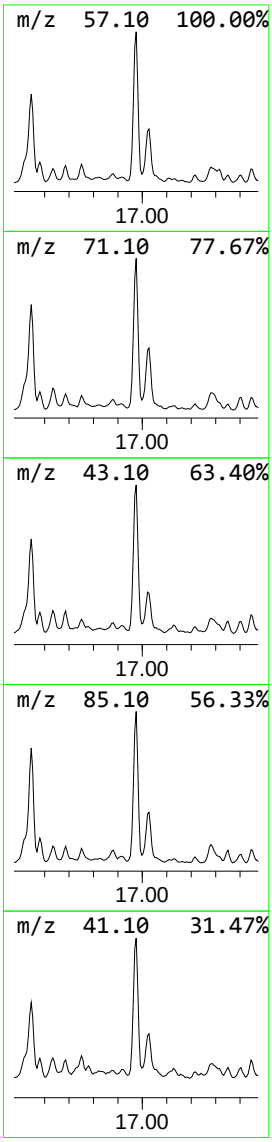
Peak Number 14 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.975	42.65 ng	7633840	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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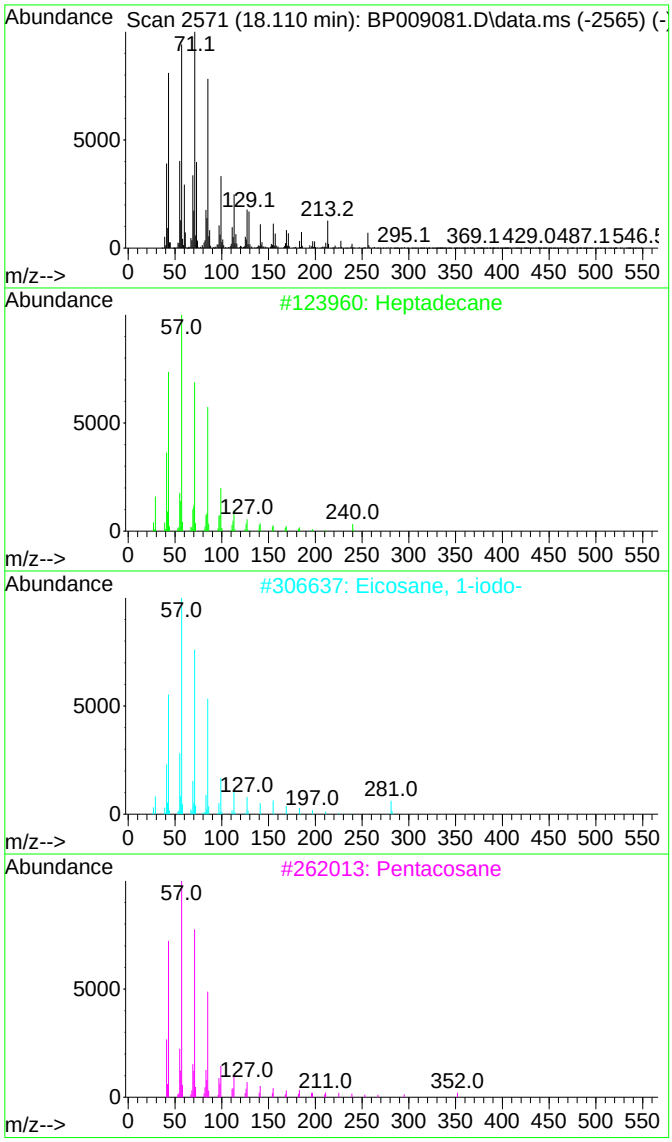
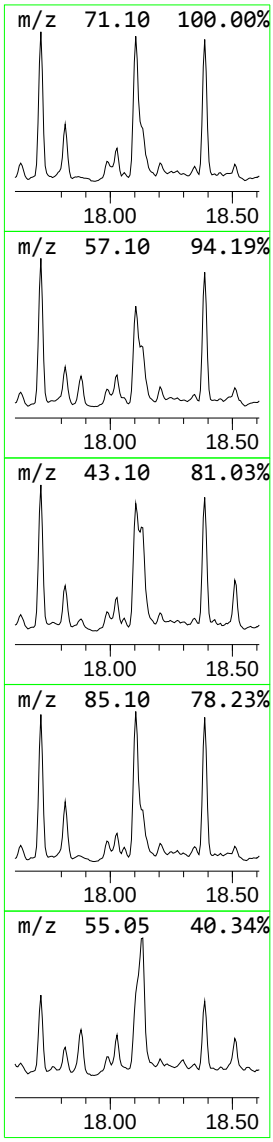
Peak Number 15 Eicosane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	49.54 ng	8867760	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	80
3	Pentacosane	352	C25H52	000629-99-2	80
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	72





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ALS Vial : 11 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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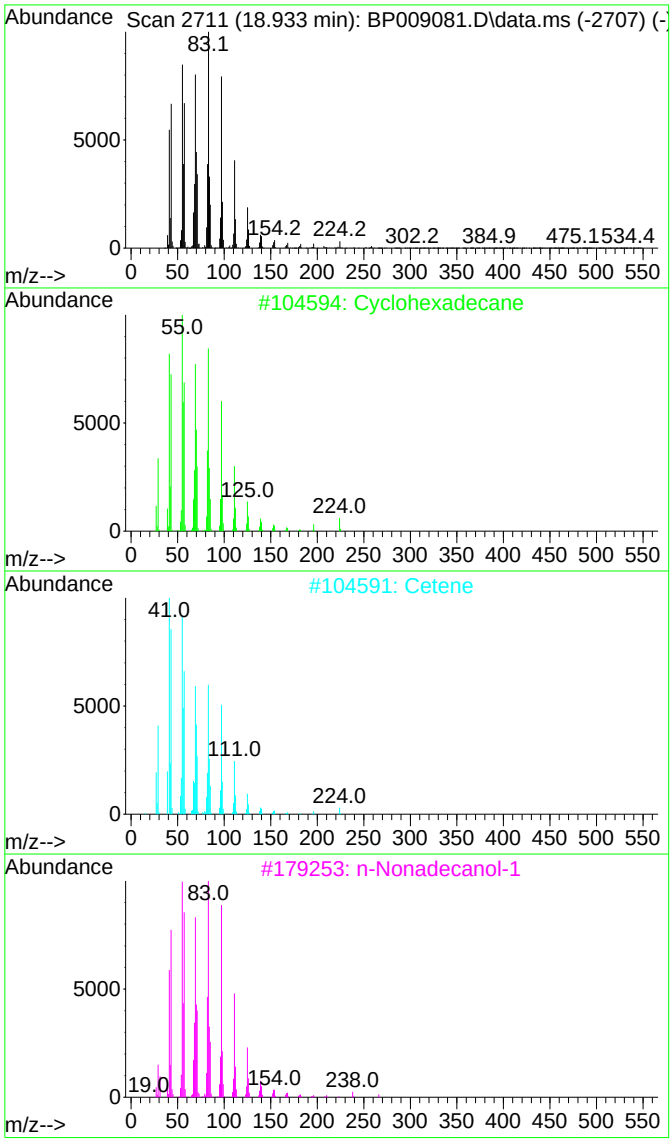
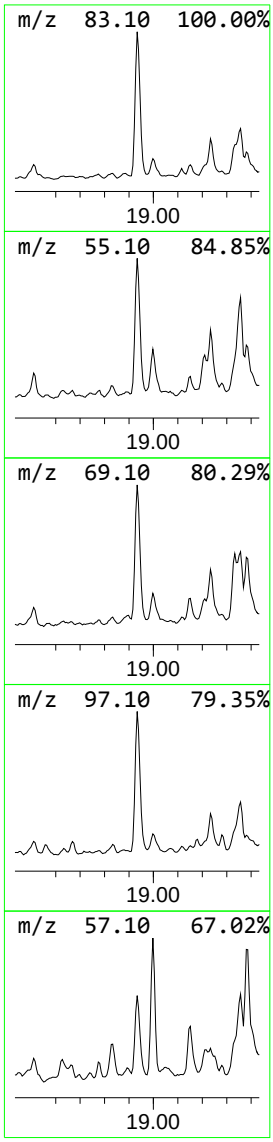
Peak Number 16 Cyclohexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	50.86 ng	9104920	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	Cetene	224	C16H32	000629-73-2	98
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	n-Pentadecanol	228	C15H32O	000629-76-5	94
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	94





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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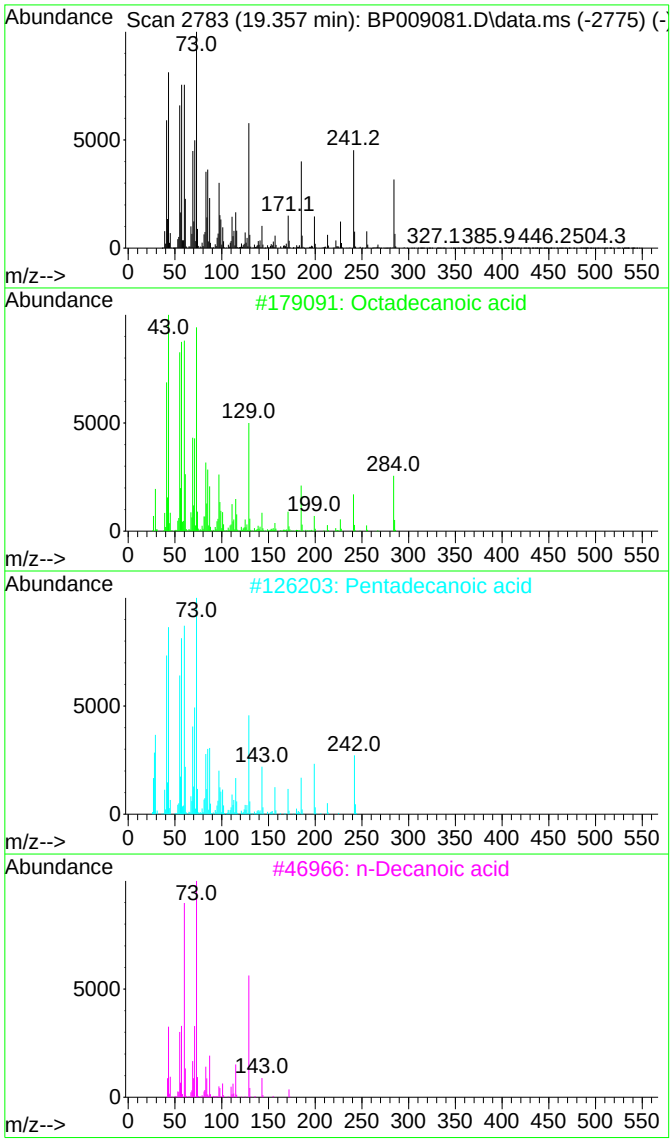
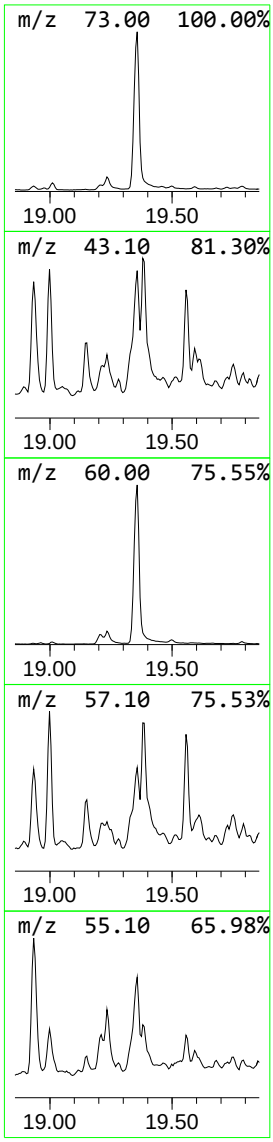
Peak Number 17 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	78.19 ng	12232400	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	46





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Data File : BP009081.D
Acq On : 09 Feb 2022 16:56
Operator : CG/JU
Sample : N1405-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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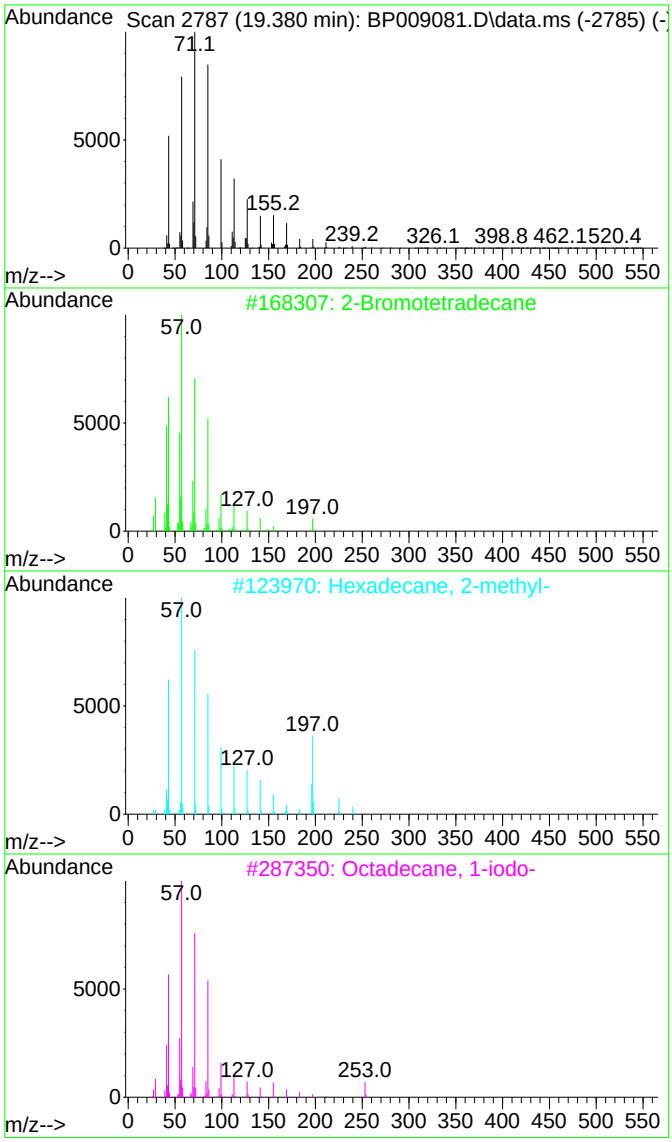
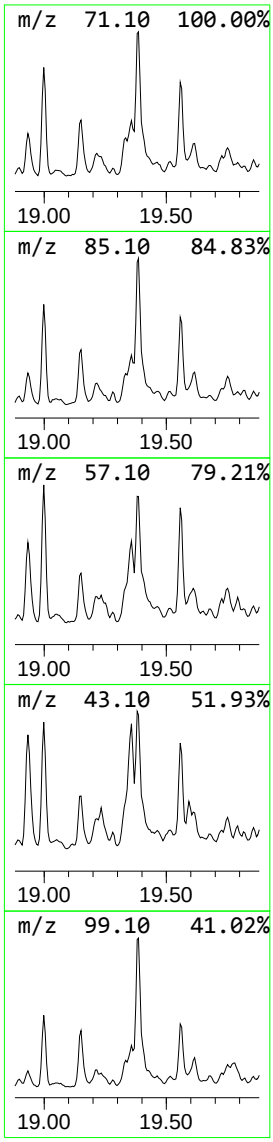
Peak Number 18 2-Bromotetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	49.65 ng	7767150	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	83
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	72
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	59
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50





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Acq On : 09 Feb 2022 16:56
Operator : CG/JU
Sample : N1405-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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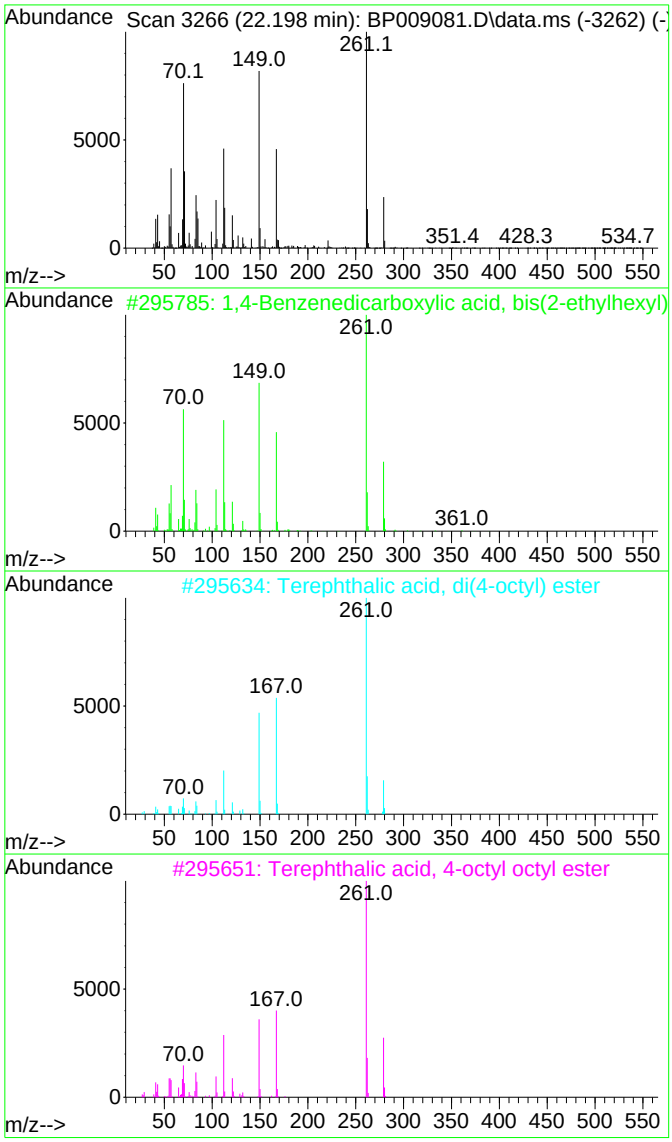
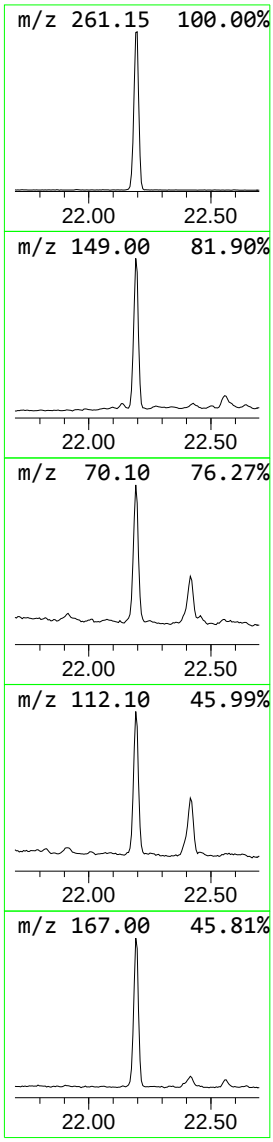
Peak Number 19 1,4-Benzenedicarboxylic aci... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.198	42.54 ng	6655660	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	74
2	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	68
3	Terephthalic acid, 4-octyl octyl...	390	C24H38O4	1000323-73-7	64
4	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49
5	Terephthalic acid, 4-methylpent-...	362	C22H34O4	1010356-26-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009081.D
Acq On : 09 Feb 2022 16:56
Operator : CG/JU
Sample : N1405-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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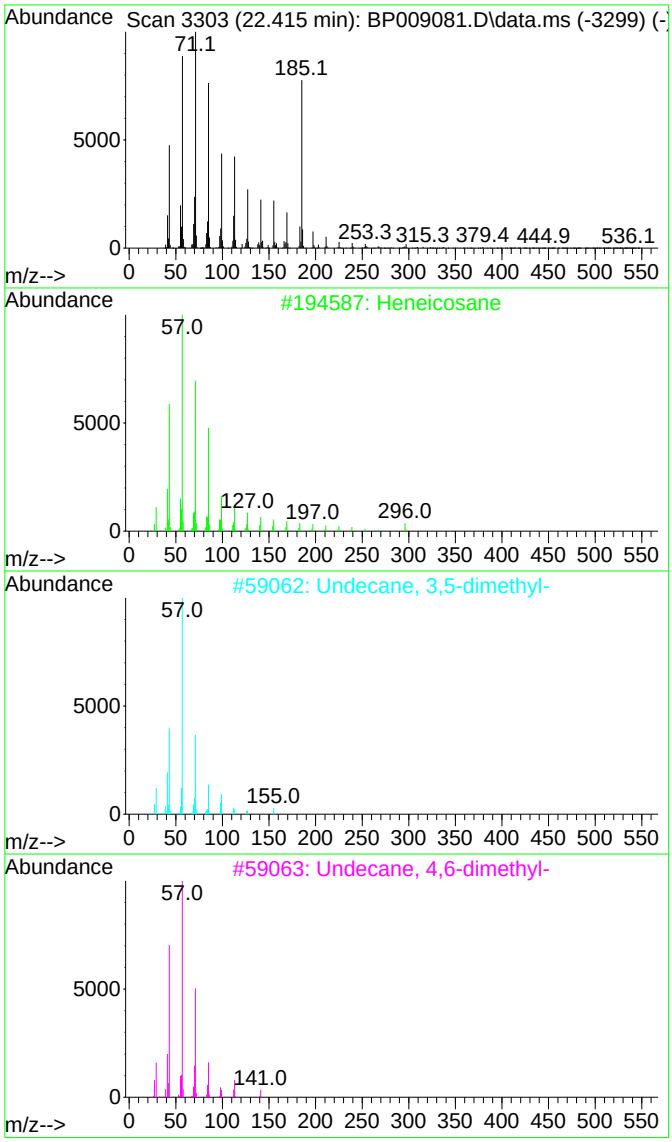
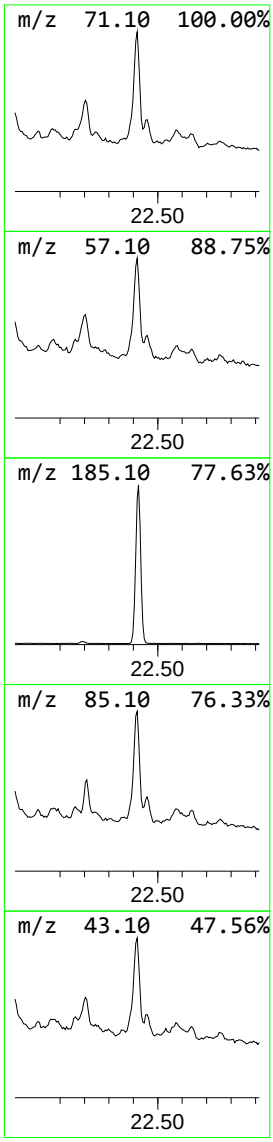
Peak Number 20 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.416	50.86 ng	7957560	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	50
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	43
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	38
4	Hexadecane	226	C16H34	000544-76-3	38
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009081.D
Acq On : 09 Feb 2022 16:56
Operator : CG/JU
Sample : N1405-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
148

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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
Acetamide, N-et...	3.134	120.9	ng	71081600	1	7.810	11758900	20.0
Ethylbenzene	5.334	50.6	ng	29749400	1	7.810	11758900	20.0
p-Xylene	5.840	76.9	ng	45223800	1	7.810	11758900	20.0
Decane	7.457	63.8	ng	37486000	1	7.810	11758900	20.0
Undecane	9.075	60.9	ng	35828100	1	7.810	11758900	20.0
unknown12.722	12.722	35.4	ng	5998610	3	14.457	3393580	20.0
Dodecane, 2,6,1...	12.998	42.2	ng	7155230	3	14.457	3393580	20.0
Pentadecane	14.357	49.7	ng	8430530	3	14.457	3393580	20.0
1H-Benzotriazol...	14.816	94.4	ng	16014700	3	14.457	3393580	20.0
1H-Benzotriazol...	15.239	69.0	ng	11700800	3	14.457	3393580	20.0
Hexadecane	15.310	45.8	ng	7772180	3	14.457	3393580	20.0
Heptadecane	16.180	71.7	ng	12837100	4	17.210	3580050	20.0
2-Bromo dodecane	16.545	37.8	ng	6765050	4	17.210	3580050	20.0
Octadecane	16.975	42.6	ng	7633840	4	17.210	3580050	20.0
Eicosane, 1-iodo-	18.110	49.5	ng	8867760	4	17.210	3580050	20.0
Cyclohexadecane	18.933	50.9	ng	9104920	4	17.210	3580050	20.0
Octadecanoic acid	19.357	78.2	ng	12232400	5	21.304	3129030	20.0
2-Bromotetradecane	19.380	49.6	ng	7767150	5	21.304	3129030	20.0
1,4-Benzenedica...	22.198	42.5	ng	6655660	5	21.304	3129030	20.0
Heneicosane	22.416	50.9	ng	7957560	5	21.304	3129030	20.0