LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142019.D
Acq On : 20 Mar 2025 19:05
Operator : RC/JU
Sample : Q1605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-SOIL-CUTTING

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142019.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	16	rVB	603862	949172	34.76%	1.957%
2	3.957	306	317	323	rBV	14959	28850	1.06%	0.059%
3	5.045	489	502	506	rBV9	21560	55761	2.04%	0.115%
4	5.098	506	511	516	rVB3	27928	43872	1.61%	0.090%
5	5.298	538	545	554	rBV2	23456	46306	1.70%	0.095%
6	5.487	568	577	588	rBV	1572027	2173508	79.61%	4.481%
7	5.657	602	606	610	rBV3	25215	42071	1.54%	0.087%
8	5.698	610	613	615	rVV	27476	32370	1.19%	0.067%
9	5.728	615	618	624	rVB2	41260	64057	2.35%	0.132%
10	5.787	624	628	641	rVB2	70336	109729	4.02%	0.226%
11	5.904	641	648	652	rBV2	44595	77615	2.84%	0.160%
12	6.034	663	670	675	rVB4	43595	80001	2.93%	0.165%
13	6.128	680	686	692	rBV4	116033	211796	7.76%	0.437%
14	6.316	713	718	721	rBV2	67876	104835	3.84%	0.216%
15	6.375	721	728	730	rVV2	91490	144761	5.30%	0.298%
16	6.404	730	733	740	rVV2	211059	352644	12.92%	0.727%
17	6.492	740	748	753	rVV	1436092	2060501	75.47%	4.248%
18	6.557	756	759	764	rVB	81649	117352	4.30%	0.242%
19	6.616	764	769	774	rBV3	87071	178061	6.52%	0.367%
20	6.710	780	785	792	rVB2	570965	875527	32.07%	1.805%
21	6.810	797	802	804	rBV4	24871	48857	1.79%	0.101%
22	6.875	804	813	819	rBV2	678352	1050518	38.48%	2.166%
23	6.934	819	823	827	rVB	138744	167949	6.15%	0.346%
24	6.986	827	832	834	rBV4	48556	70358	2.58%	0.145%
25	7.022	834	838	842	rBV2	158542	206812	7.57%	0.426%
26	7.051	842	843	849	rVB2	82502	81432	2.98%	0.168%
27	7.145	849	859	863	rBV3	300858	565839	20.72%	1.166%
28	7.186	863	866	869	rBV2	128684	200310	7.34%	0.413%
29	7.263	874	879	884	rBV3	260664	432081	15.83%	0.891%
30	7.339	889	892	893	rBV	67607	70271	2.57%	0.145%
31	7.434	899	908	911	rBV2	1031754	1796266	65.79%	3.703%
32	7.469	911	914	918	rVB	790153	942012	34.50%	1.942%
33	7.522	918	923	926	rBV4	182422	276080	10.11%	0.569%
34	7.581	926	933	937	rBV6	111270	267312	9.79%	0.551%
35	7.651	941	945	946	rVV4	131669	191267	7.01%	0.394%
36	7.681	946	950	958	rVB3	258772	498930	18.27%	1.029%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142019.D
Acq On : 20 Mar 2025 19:05
Operator : RC/JU
Sample : Q1605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-SOIL-CUTTING

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.775	959	966	968	rBV3	205599	391950	14.36%	0.808%
38	7.798	968	970	973	rVV3	153942	214481	7.86%	0.442%
39	7.833	973	976	980	rVV3	198249	281048	10.29%	0.579%
40	7.875	980	983	984	rVV3	168736	201006	7.36%	0.414%
41	7.898	984	987	993	rVV3	282972	491767	18.01%	1.014%
42	7.951	993	996	998	rVV	92900	127086	4.65%	0.262%
43	7.992	1001	1003	1006	rVB	123476	131110	4.80%	0.270%
44	8.028	1006	1009	1012	rVB	74600	76394	2.80%	0.157%
45	8.057	1012	1014	1017	rBV2	72152	86085	3.15%	0.177%
46	8.139	1017	1028	1037	rBV2	1039546	2615444	95.79%	5.392%
47	8.210	1037	1040	1044	rVB2	325829	425310	15.58%	0.877%
48	8.245	1044	1046	1048	rBV2	64254	60998	2.23%	0.126%
49	8.328	1054	1060	1061	rBV3	79832	147496	5.40%	0.304%
50	8.351	1062	1064	1069	rVV3	155578	200522	7.34%	0.413%
51	8.404	1070	1073	1075	rVV2	49530	61686	2.26%	0.127%
52	8.445	1075	1080	1086	rVV5	290201	478776	17.54%	0.987%
53	8.504	1086	1090	1092	rVV2	124971	165029	6.04%	0.340%
54	8.533	1092	1095	1098	rVV3	179439	231184	8.47%	0.477%
55	8.575	1098	1102	1108	rVB2	225908	320634	11.74%	0.661%
56	8.657	1113	1116	1120	rBV	317105	410864	15.05%	0.847%
57	8.745	1126	1131	1135	rBV	877952	1099731	40.28%	2.267%
58	8.904	1155	1158	1160	rBV3	53640	62953	2.31%	0.130%
59	8.975	1167	1170	1175	rBV3	217378	275723	10.10%	0.568%
60	9.104	1189	1192	1197	rVB4	174634	263557	9.65%	0.543%
61	9.151	1197	1200	1201	rBV	89753	101444	3.72%	0.209%
62	9.175	1201	1204	1209	rVV4	213328	284636	10.43%	0.587%
63	9.228	1209	1213	1218	rVB	1537507	1847807	67.68%	3.809%
64	9.310	1222	1227	1231	rBV	832867	1079713	39.55%	2.226%
65	9.380	1236	1239	1245	rVB	152860	199828	7.32%	0.412%
66	9.563	1264	1270	1272	rBV5	143351	285899	10.47%	0.589%
67	9.627	1277	1281	1284	rVV4	338268	552567	20.24%	1.139%
68	9.686	1288	1291	1295	rVB2	150168	182329	6.68%	0.376%
69	9.839	1313	1317	1321	rVB	702593	845912	30.98%	1.744%
70	9.910	1325	1329	1333	rVB	608958	758006	27.76%	1.563%
71	10.075	1353	1357	1358	rBV2	98679	134386	4.92%	0.277%
72	10.157	1368	1371	1376	rBV5	148151	226255	8.29%	0.466%
73	10.339	1397	1402	1406	rBV	642638	832499	30.49%	1.716%
74	10.557	1434	1439	1445	rBV	280903	477762	17.50%	0.985%
75	10.622	1446	1450	1457	rVV	203861	342637	12.55%	0.706%
76	10.698	1457	1463	1467	rVV	949811	1267616	46.43%	2.613%

LSC Area Percent Report

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Operator : RC/JU
Sample : Q1605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-SOIL-CUTTING

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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.816	1478	1483	1491	rVB	640529	1057254	38.72%	2.180%
78	11.257	1554	1558	1562	rBV	472098	675575	24.74%	1.393%
79	11.292	1562	1564	1570	rVB	214398	256892	9.41%	0.530%
80	11.398	1577	1582	1593	rBV	619809	1018971	37.32%	2.101%
81	11.686	1627	1631	1635	rBV	404604	481386	17.63%	0.992%
82	11.921	1666	1671	1679	rBV	1132872	1635452	59.90%	3.371%
83	12.092	1696	1700	1705	rBV	339854	417920	15.31%	0.862%
84	12.480	1763	1766	1772	rVB	293364	370667	13.58%	0.764%
85	12.633	1784	1792	1800	rBV2	1453488	2730287	100.00%	5.628%
86	12.710	1801	1805	1811	rVB	690336	924294	33.85%	1.905%
87	12.851	1823	1829	1834	rVB2	238555	444151	16.27%	0.916%
88	12.980	1846	1851	1859	rVB	1655839	2142276	78.46%	4.416%
89	13.210	1887	1890	1898	rBV3	199200	333038	12.20%	0.687%
90	13.286	1900	1903	1909	rVB	147216	220346	8.07%	0.454%
91	13.398	1919	1922	1926	rBV	200331	258472	9.47%	0.533%
92	13.474	1931	1935	1940	rBV3	390707	521297	19.09%	1.075%
93	13.521	1940	1943	1946	rBV	231695	301119	11.03%	0.621%
94	13.880	2001	2004	2014	rVB	188414	299891	10.98%	0.618%
95	14.033	2026	2030	2042	rBV	618422	925719	33.91%	1.908%
96	15.509	2278	2281	2292	rVB	340958	638342	23.38%	1.316%

Sum of corrected areas: 48508562

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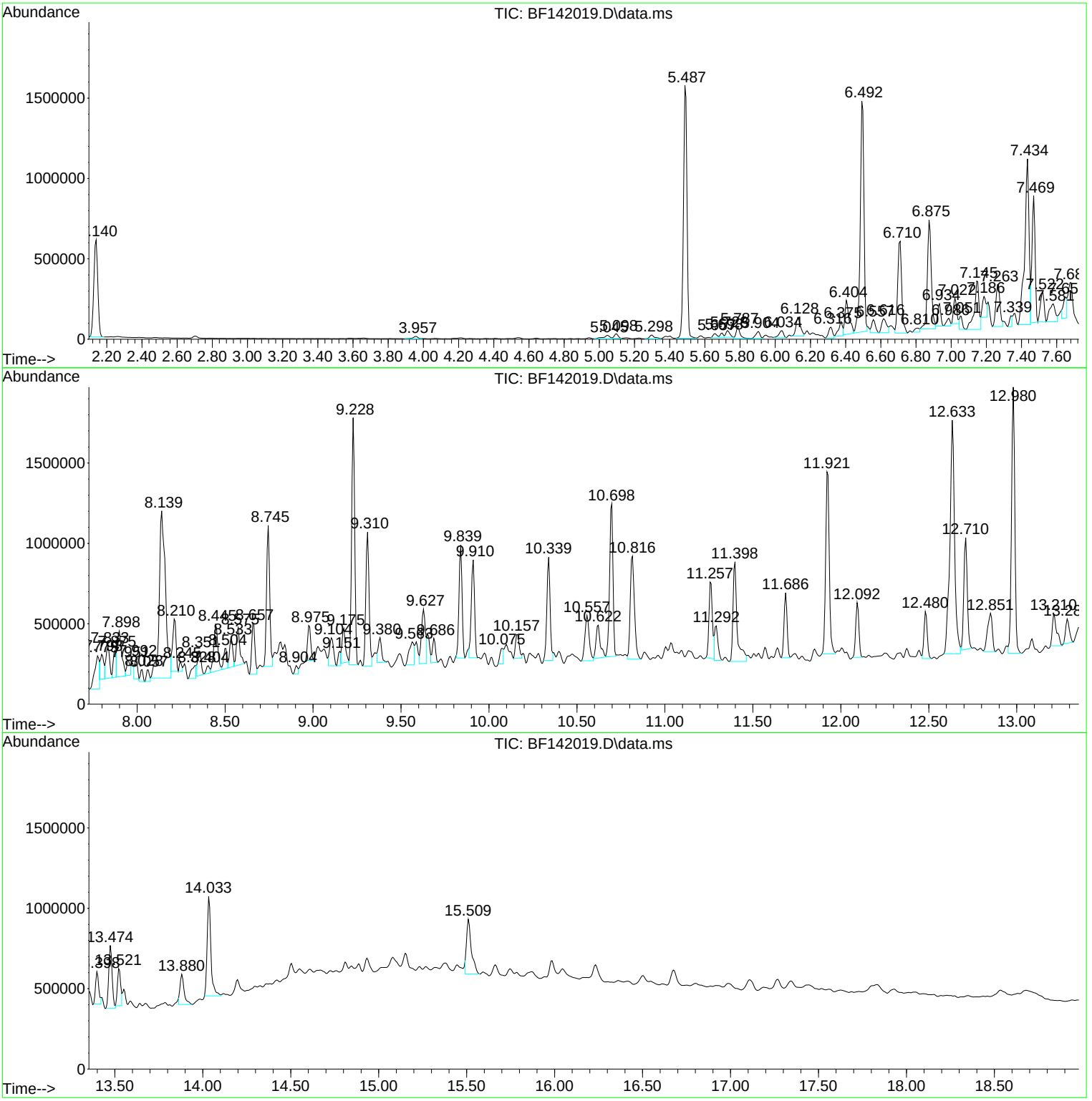
Data File : BF142019.D
Acq On : 20 Mar 2025 19:05
Operator : RC/JU
Sample : Q1605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-SOIL-CUTTING

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142019.D
Acq On : 20 Mar 2025 19:05
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Instrument :
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DRUM-SOIL-CUTTING

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

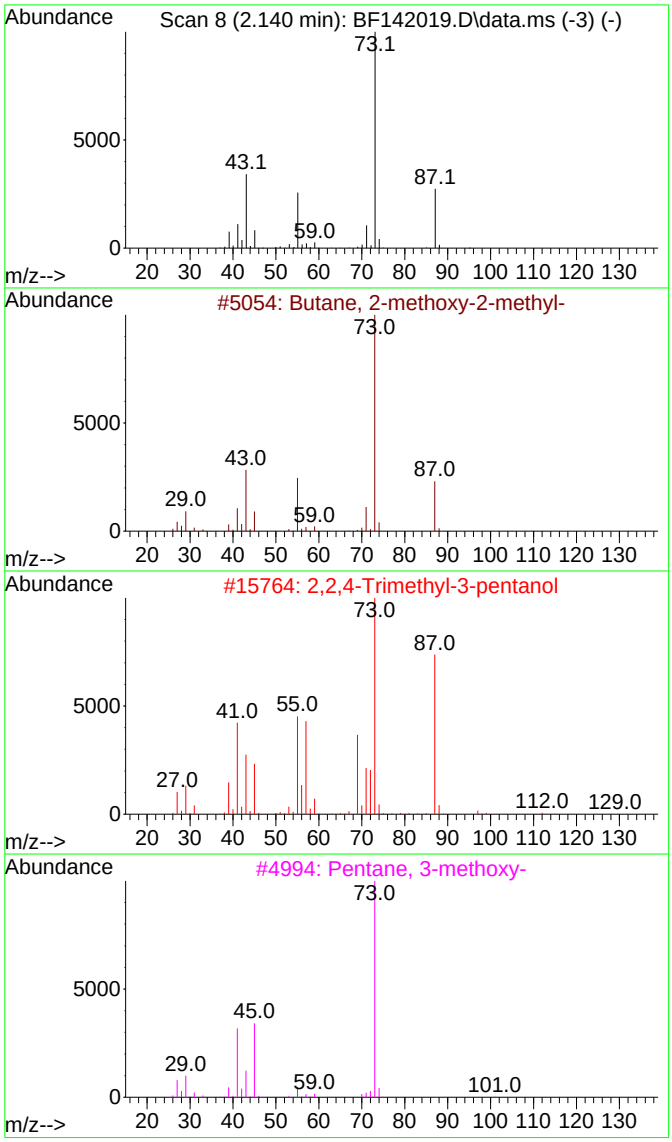
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

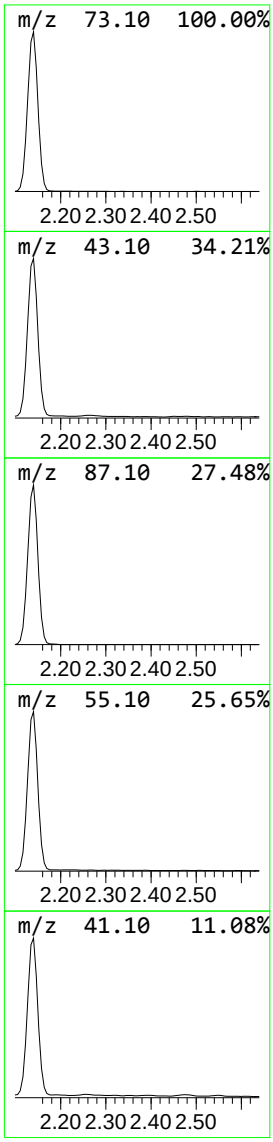
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	18.07 ng	949172	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142019.D
Acq On : 20 Mar 2025 19:05
Operator : RC/JU
Sample : Q1605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-SOIL-CUTTING

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

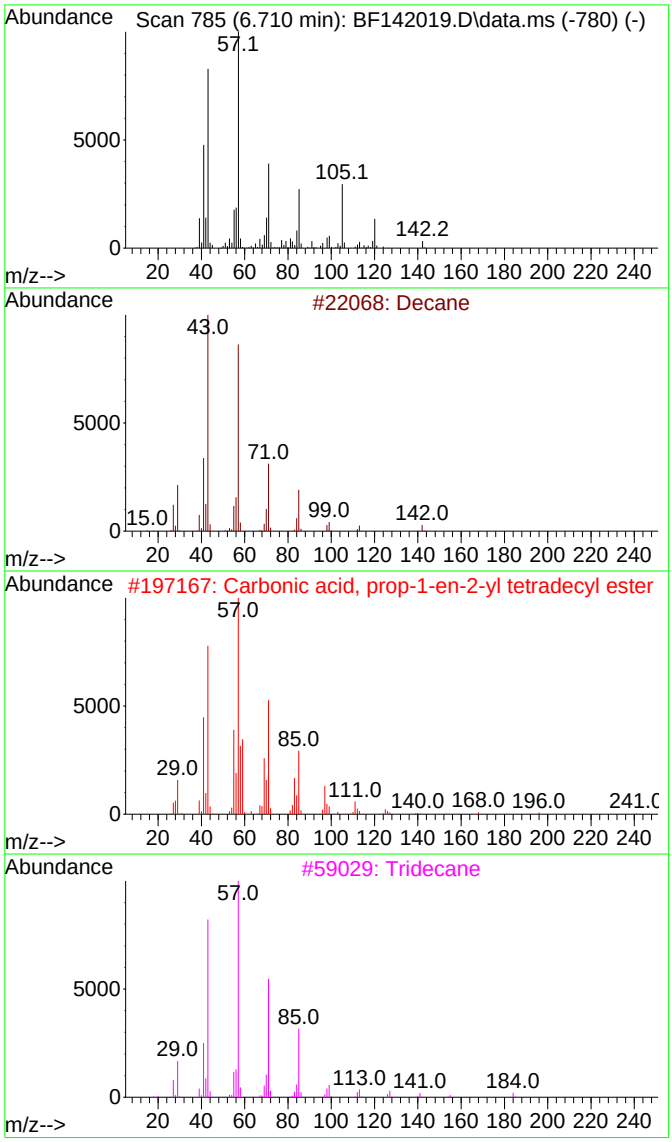
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

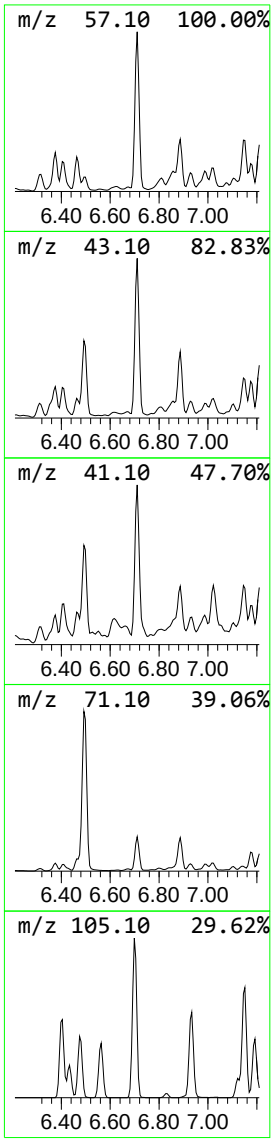
****

Peak Number 2 Decane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.710	16.67 ng	875527	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	64
3	Tridecane	184	C13H28	000629-50-5	64
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	59
5	Hexadecane	226	C16H34	000544-76-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142019.D
Acq On : 20 Mar 2025 19:05
Operator : RC/JU
Sample : Q1605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-SOIL-CUTTING

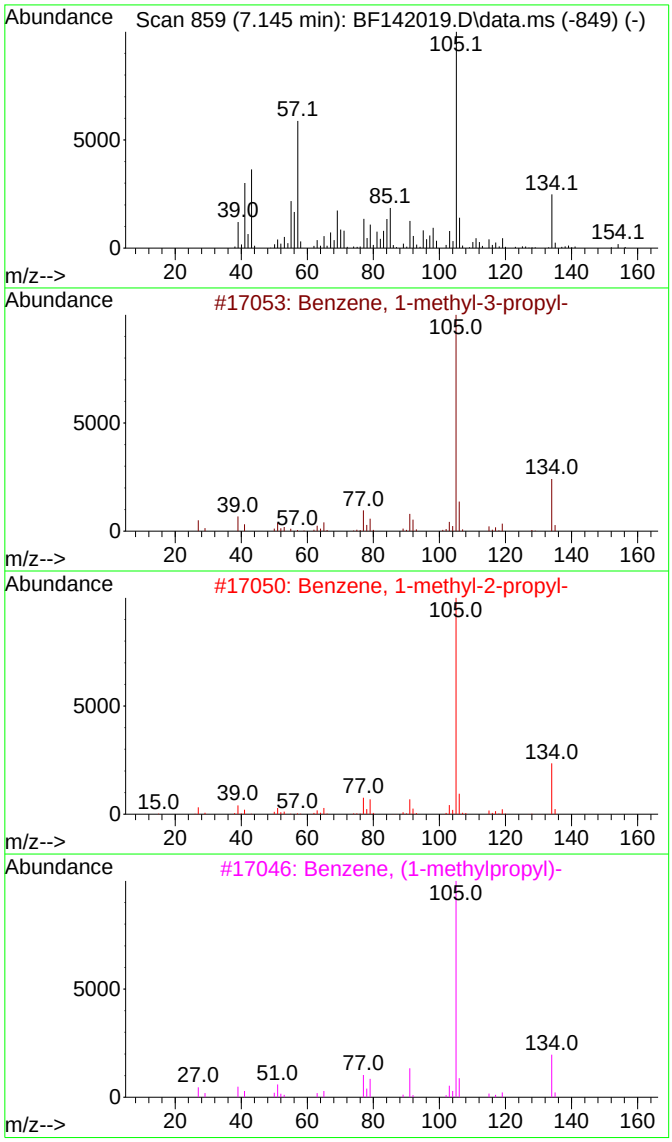
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

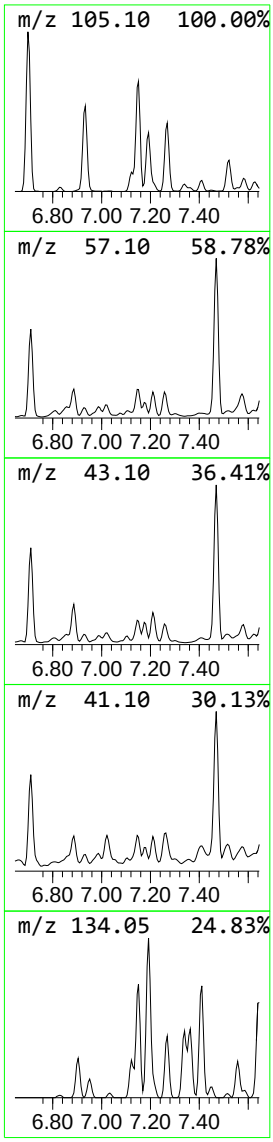
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	10.77 ng	565839	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142019.D
Acq On : 20 Mar 2025 19:05
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Sample : Q1605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-SOIL-CUTTING

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

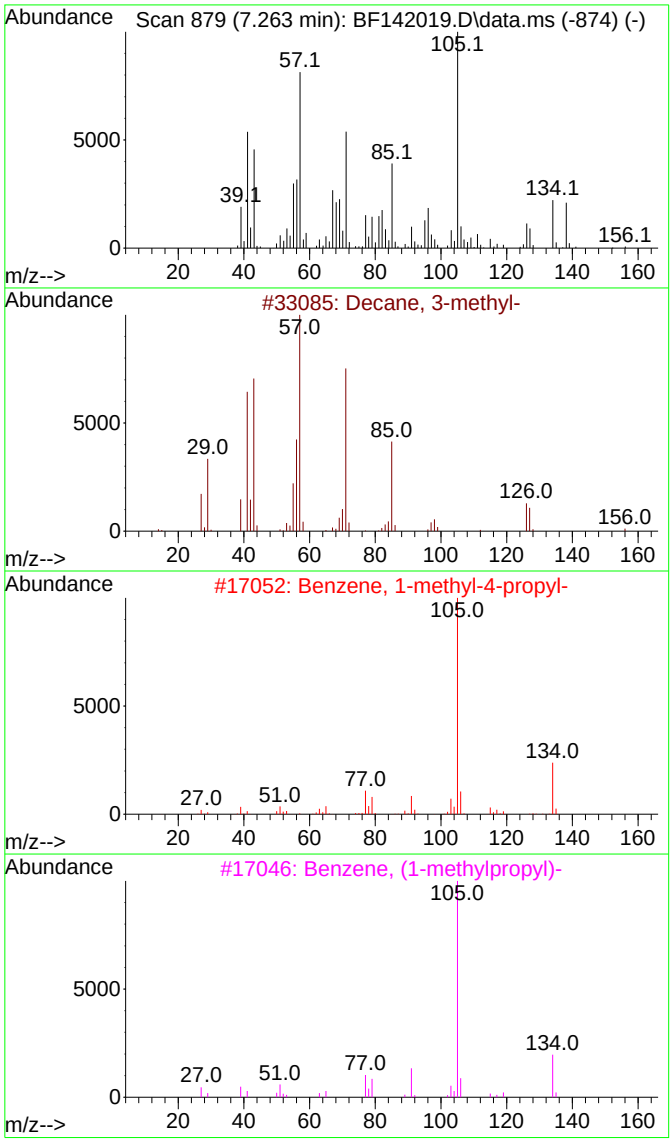
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

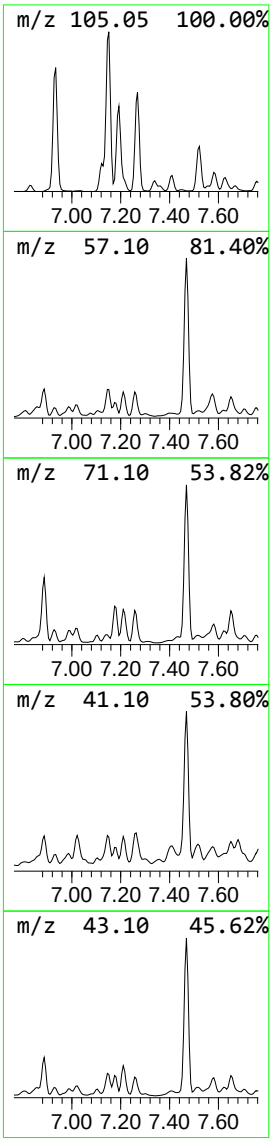
****

Peak Number 4 Decane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.263	8.23 ng	432081	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	80
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
5	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142019.D
Acq On : 20 Mar 2025 19:05
Operator : RC/JU
Sample : Q1605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-SOIL-CUTTING

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

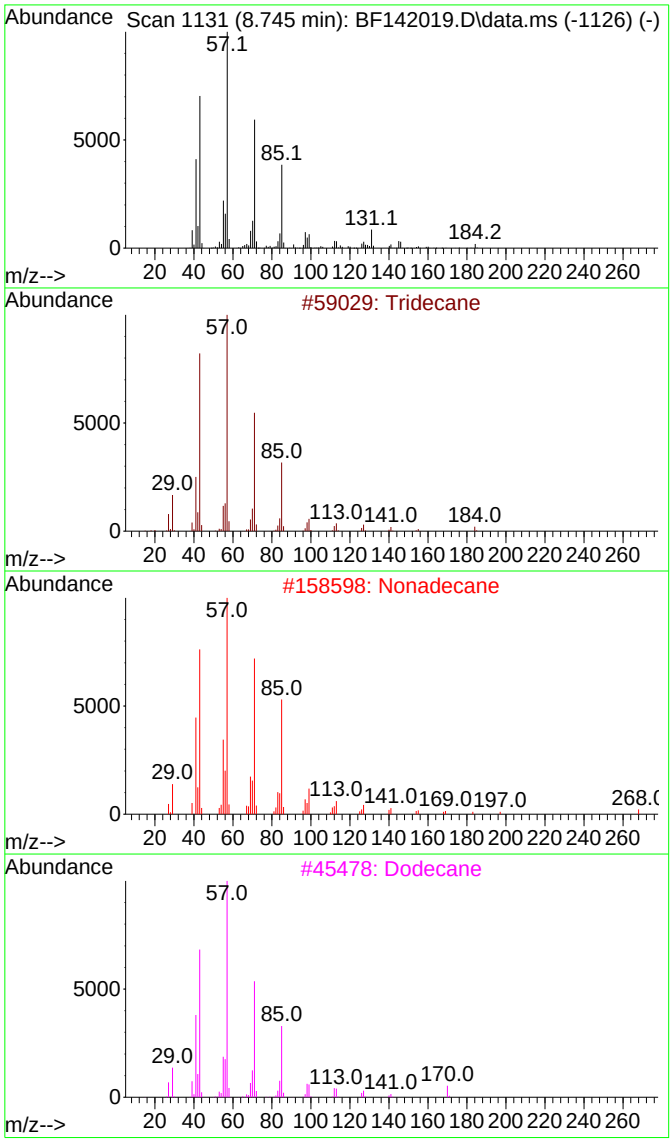
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

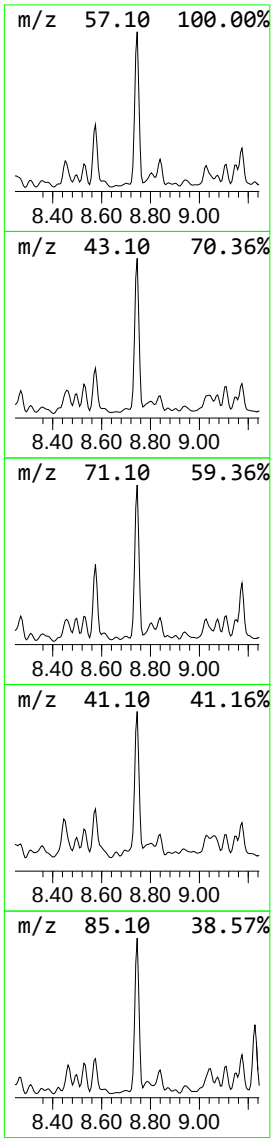
****

Peak Number 5 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	8.41 ng	1099730	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Nonadecane	268	C19H40	000629-92-5	90
3	Dodecane	170	C12H26	000112-40-3	86
4	Heptadecane	240	C17H36	000629-78-7	78
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142019.D
Acq On : 20 Mar 2025 19:05
Operator : RC/JU
Sample : Q1605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-SOIL-CUTTING

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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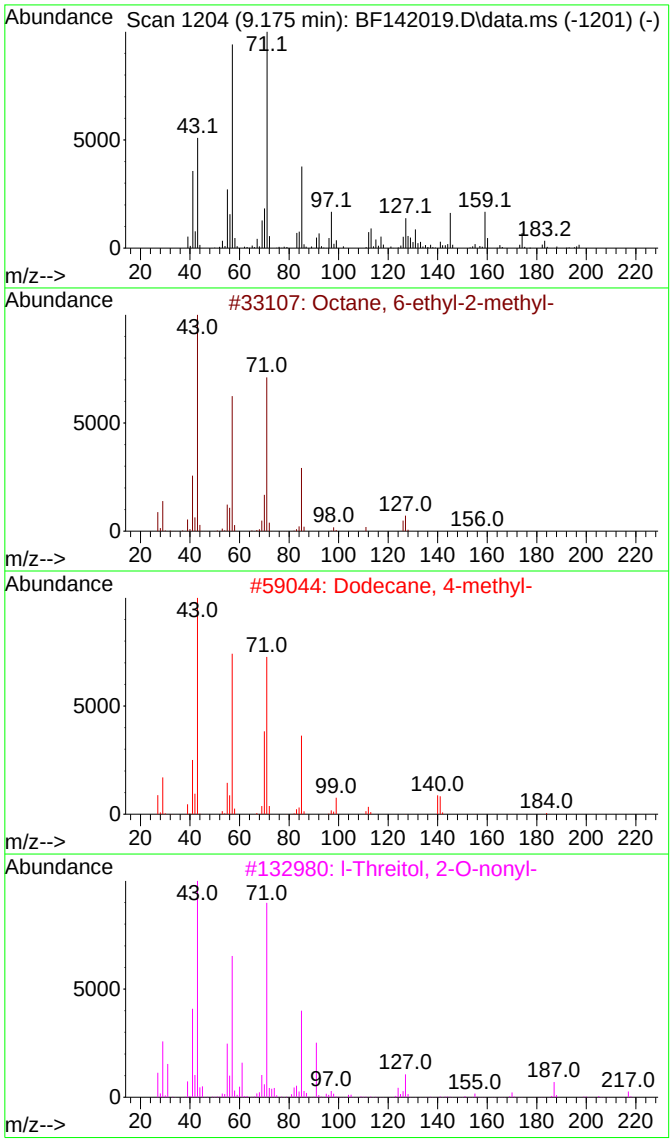
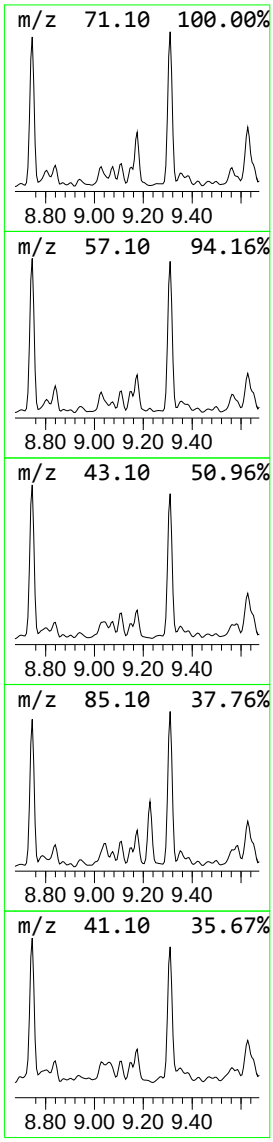
Peak Number 6 Octane, 6-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	7.51 ng	284636	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	52
3	l-Threitol, 2-O-nonyl-	248	C13H28O4	163776-15-6	50
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	47
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43





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Sample : Q1605-01
Misc :
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Instrument :
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ClientSampleId :
DRUM-SOIL-CUTTING

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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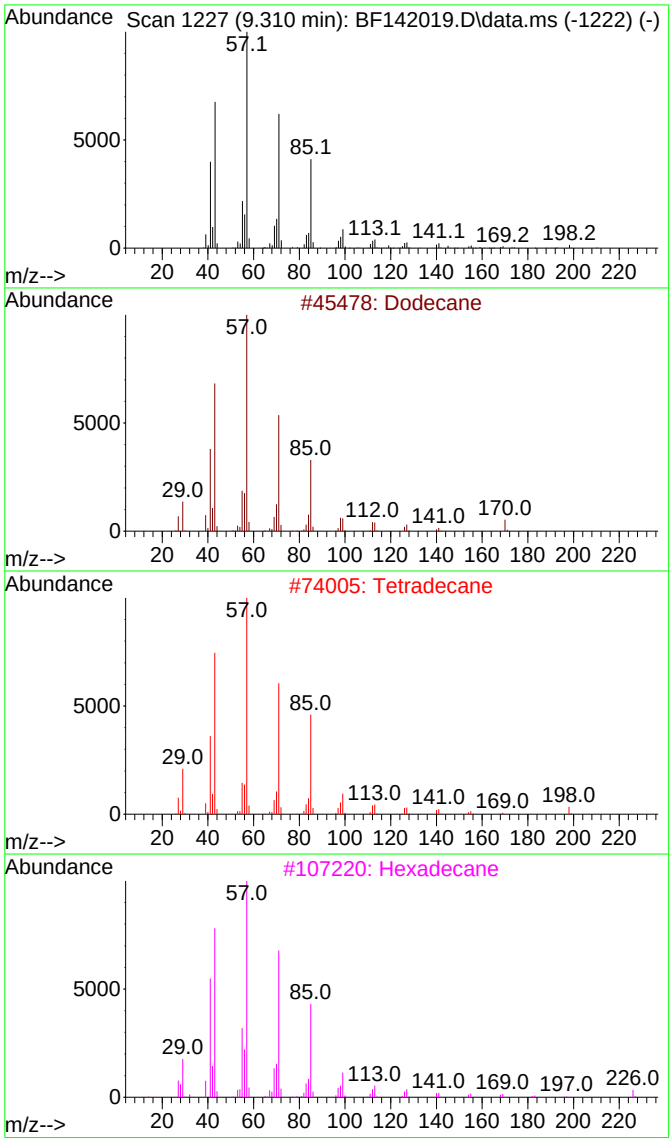
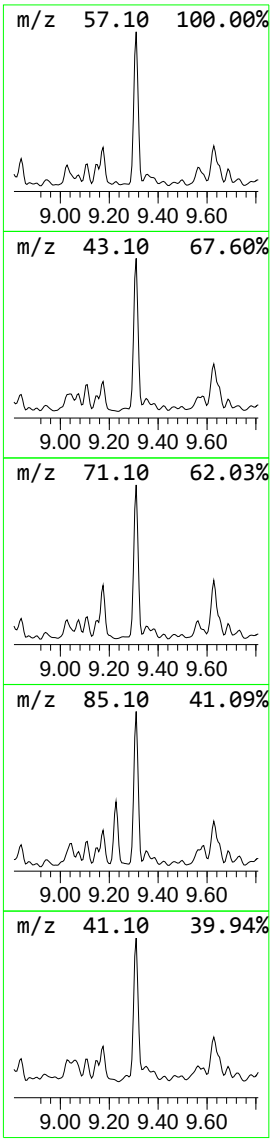
Peak Number 7 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	28.49 ng	1079710	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5	Nonadecane	268	C19H40	000629-92-5	86





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ClientSampleId :
DRUM-SOIL-CUTTING

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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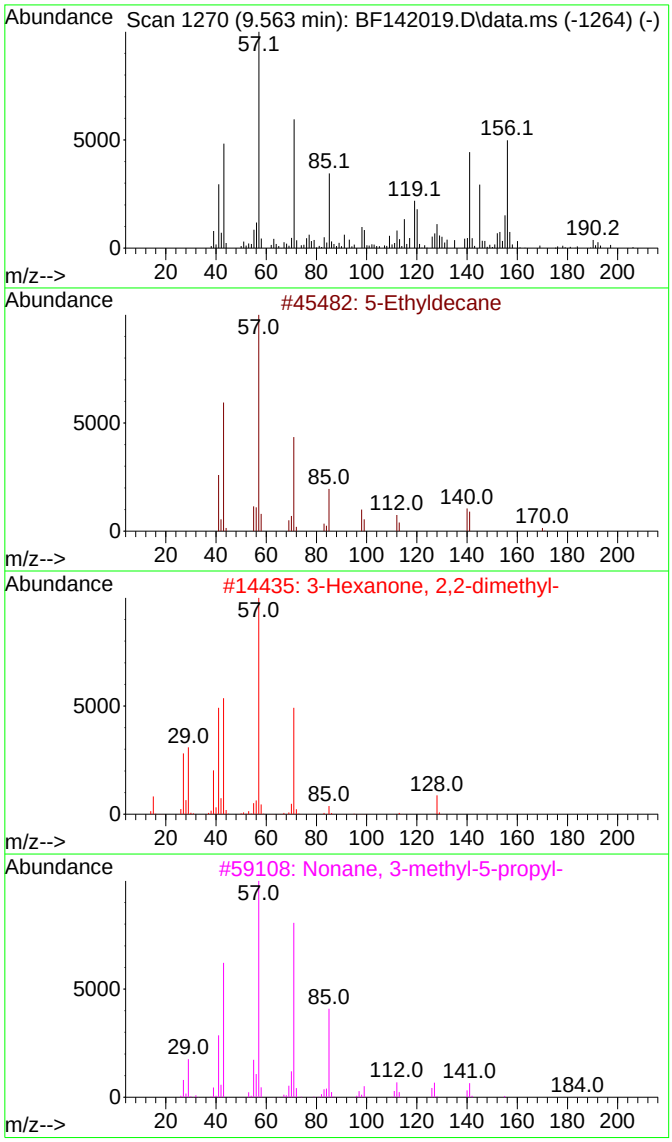
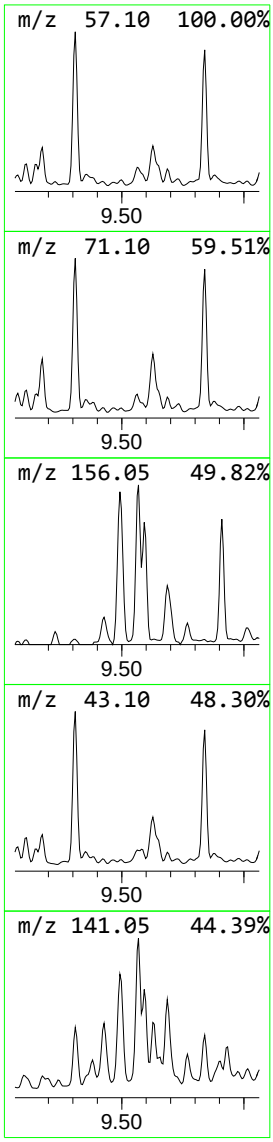
Peak Number 8 unknown9.563 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	7.54 ng	285899	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	22
2	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	15
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	14
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	14
5	Heptacosane	380	C27H56	000593-49-7	14





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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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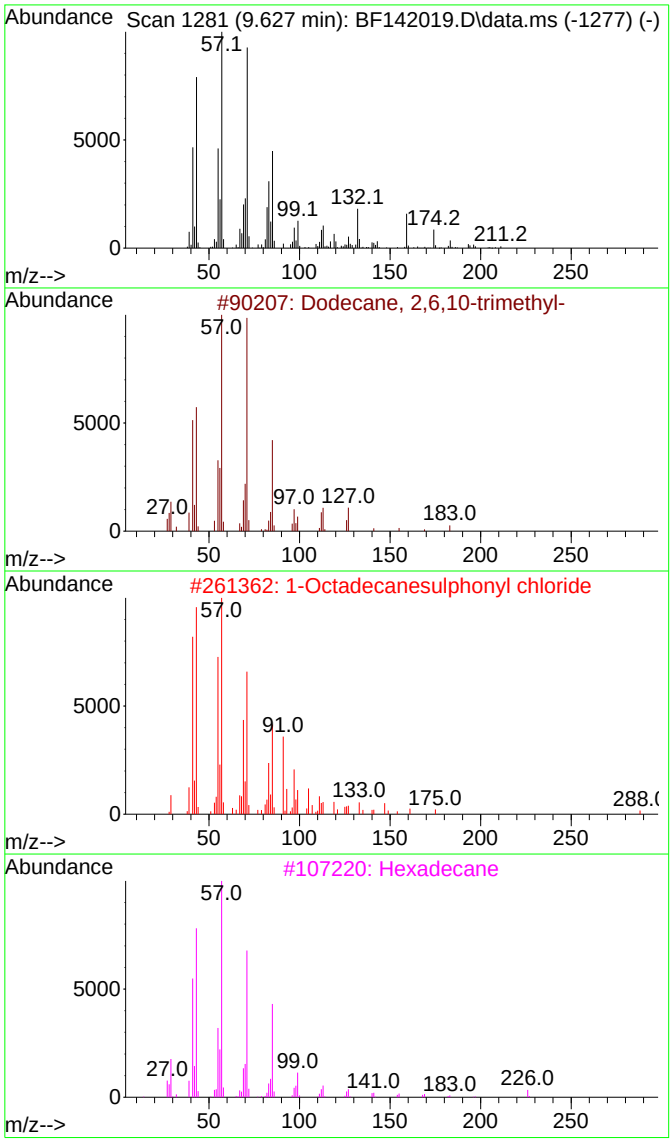
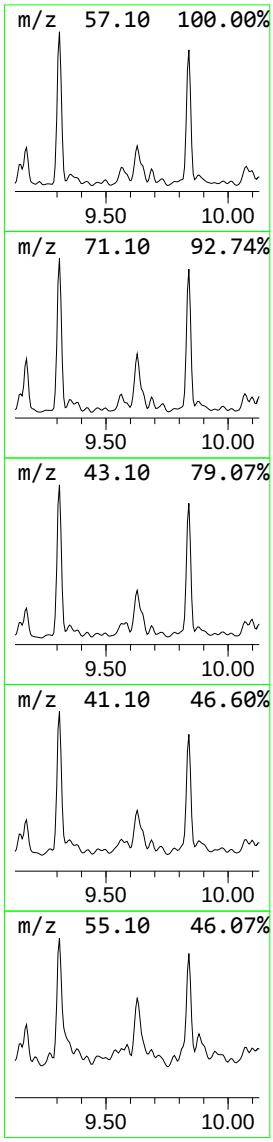
Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.627	14.58 ng	552567	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58





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Instrument :
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ClientSampleId :
DRUM-SOIL-CUTTING

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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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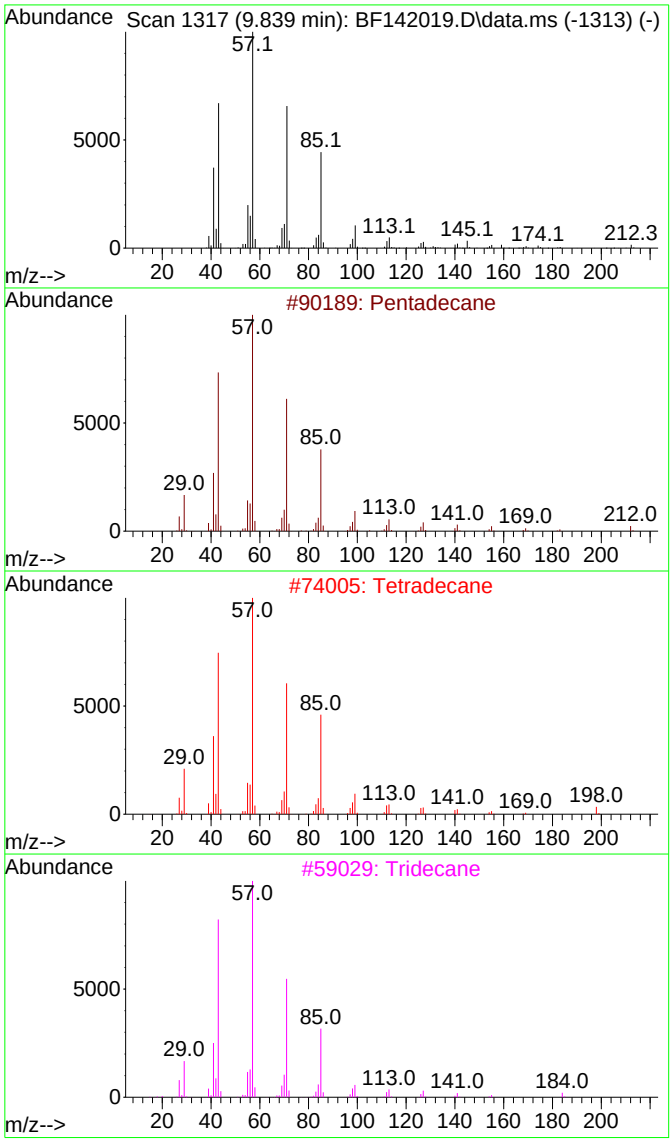
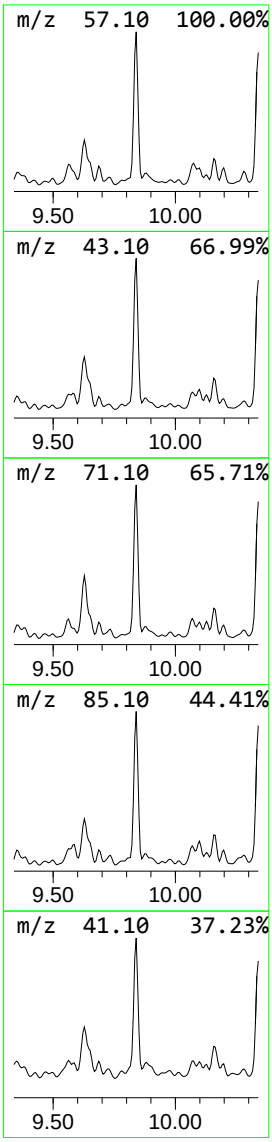
Peak Number 10 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	22.32 ng	845912	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Tetradecane	198	C14H30	000629-59-4	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80





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ClientSampleId :
DRUM-SOIL-CUTTING

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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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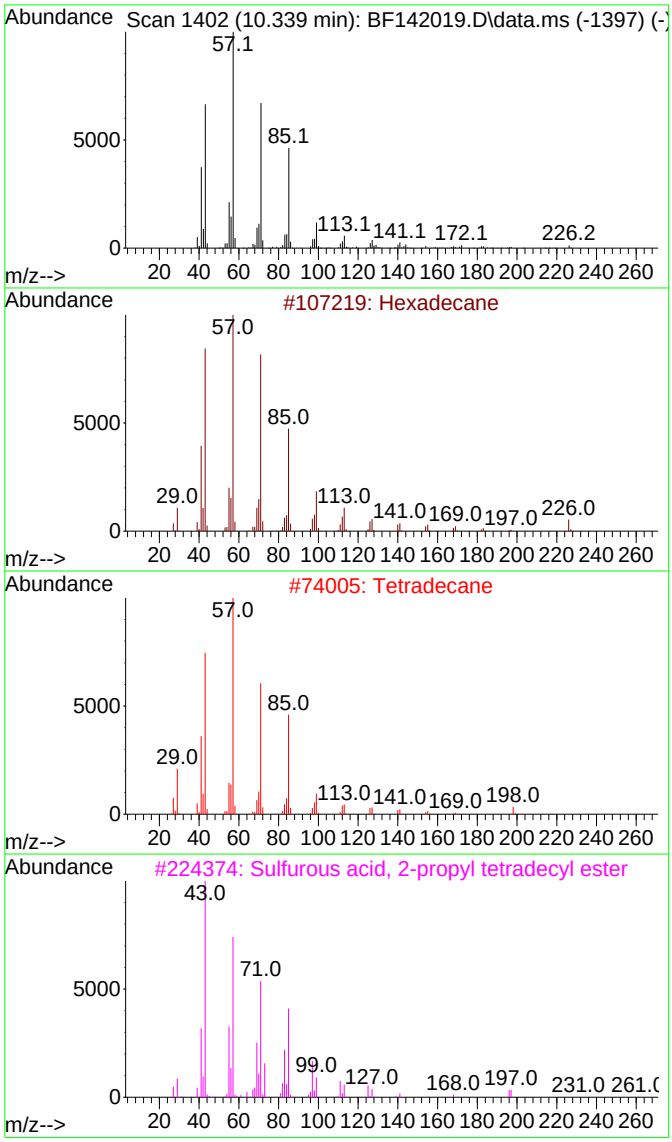
Peak Number 11 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	21.97 ng	832499	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	91
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane	240	C17H36	000629-78-7	87



m/z 57.10 100.00%
m/z 71.10 67.10%
m/z 43.10 66.47%
m/z 85.10 46.28%
m/z 41.10 37.45%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
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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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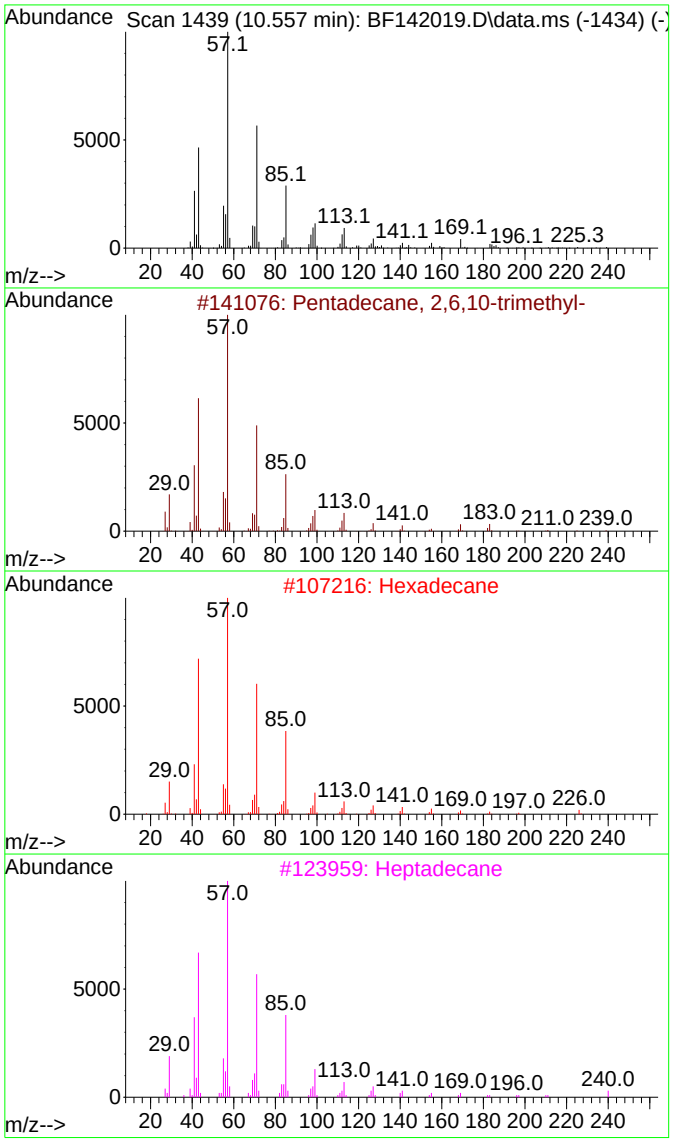
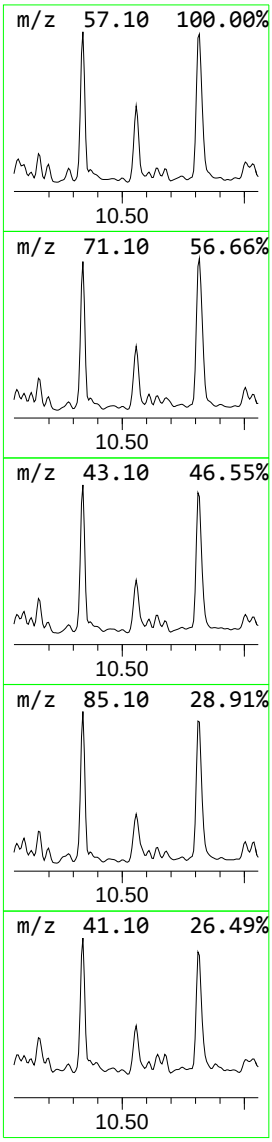
Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	12.61 ng	477762	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptadecane	240	C17H36	000629-78-7	80
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
5	Tridecane	184	C13H28	000629-50-5	64





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Instrument :
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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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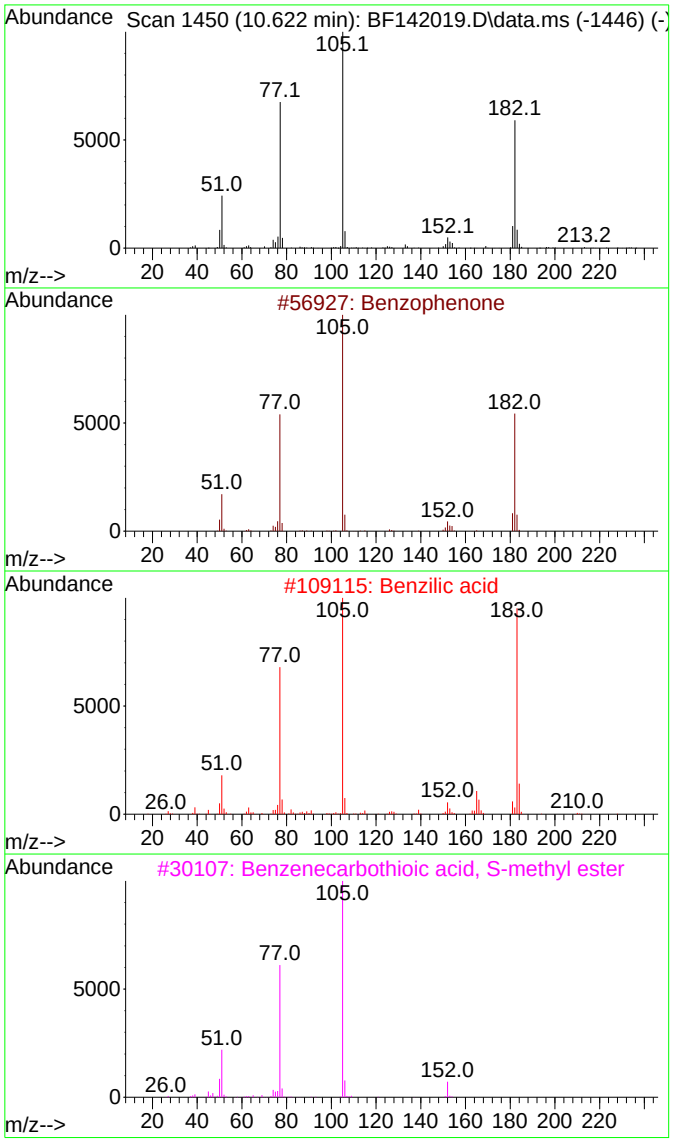
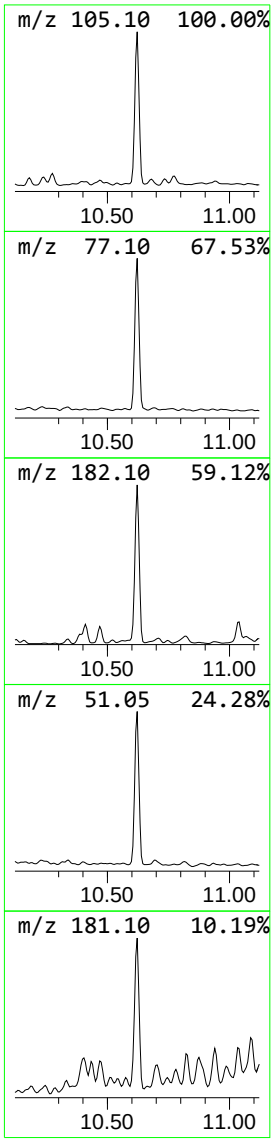
Peak Number 13 Benzophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	9.04 ng	342637	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzilic acid	228	C14H12O3	000076-93-7	62
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4	Vinyl benzoate	148	C9H8O2	000769-78-8	49
5	2-Pyrazoline-3-carbonitrile, 1-b...	199	C11H9N3O	067872-68-8	47





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TIC Library : C:\Database\NIST20.L
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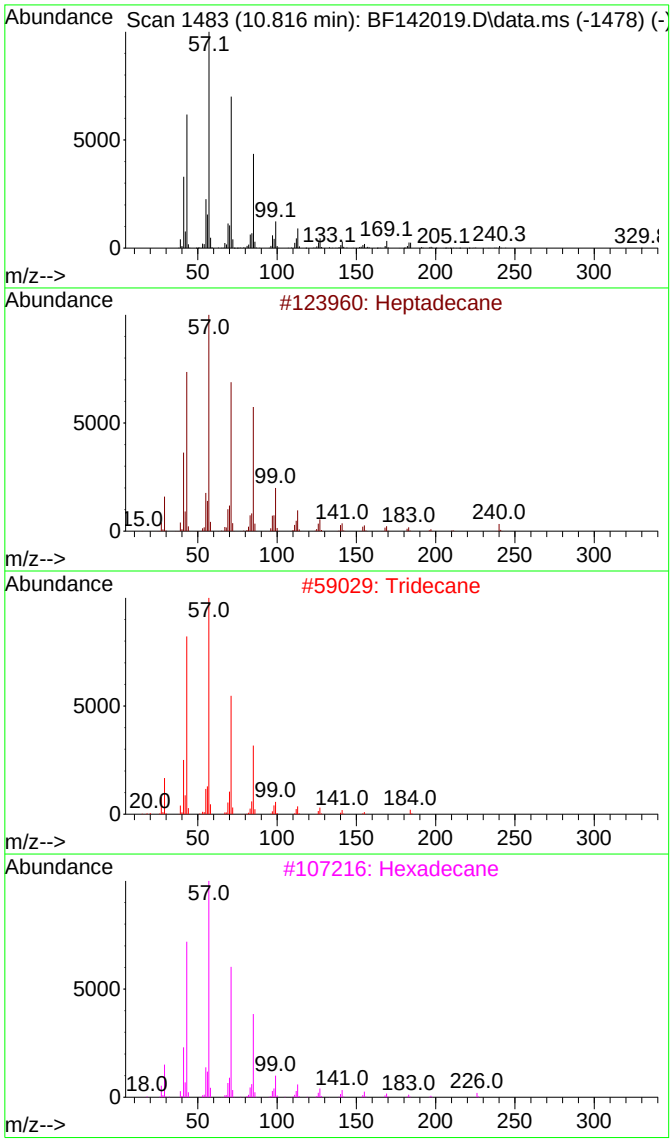
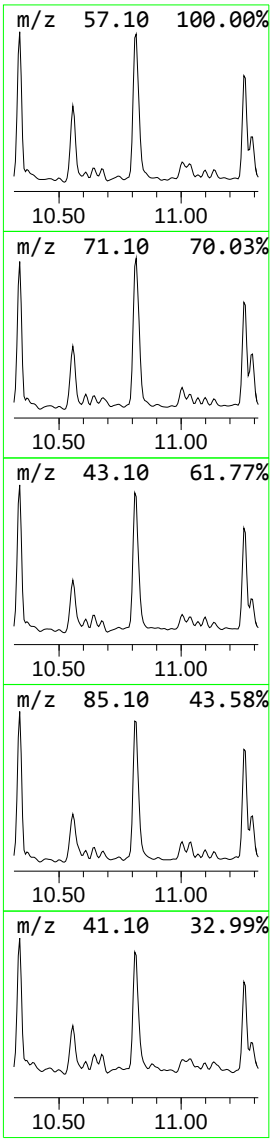
Peak Number 14 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	20.75 ng	1057250	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	94
3	Hexadecane	226	C16H34	000544-76-3	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





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

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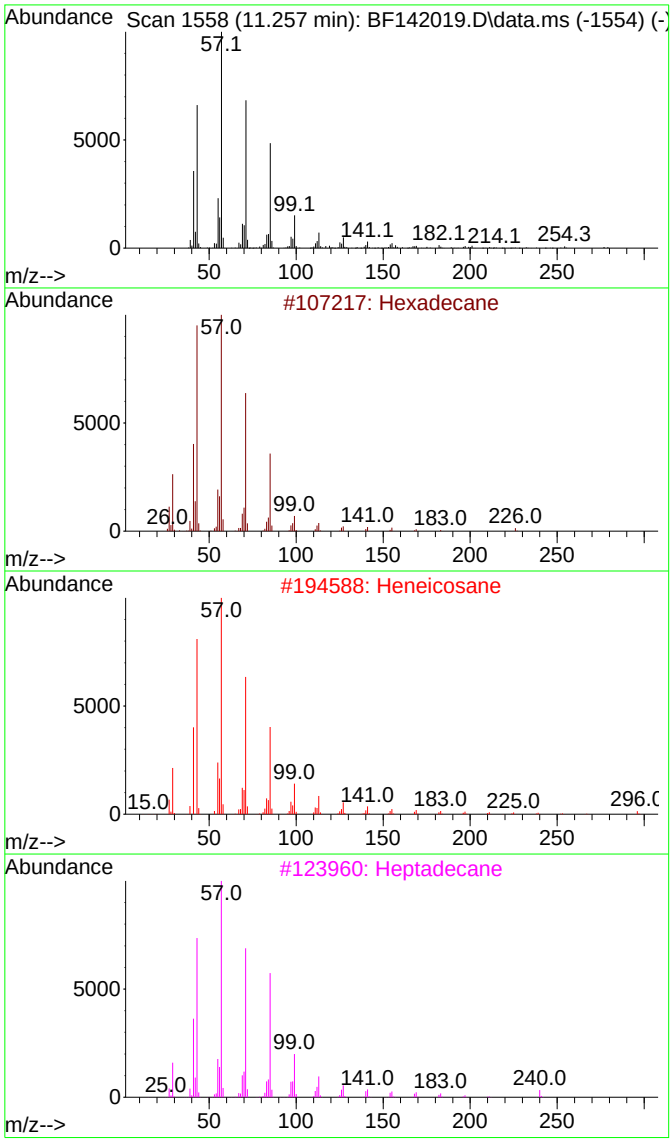
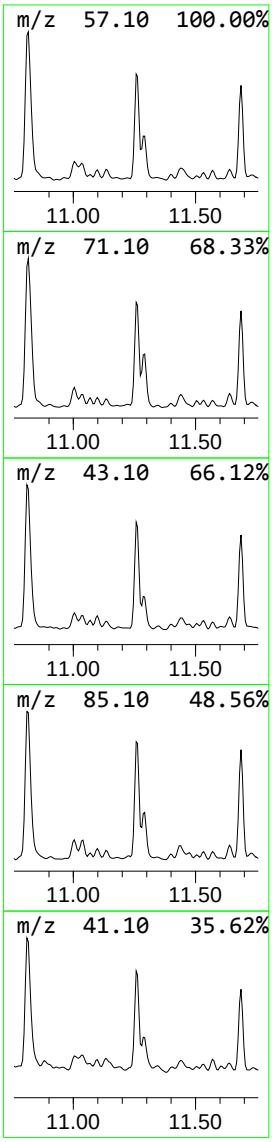
Peak Number 15 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	13.26 ng	675575	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Tetracosane	338	C24H50	000646-31-1	90





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TIC Library : C:\Database\NIST20.L
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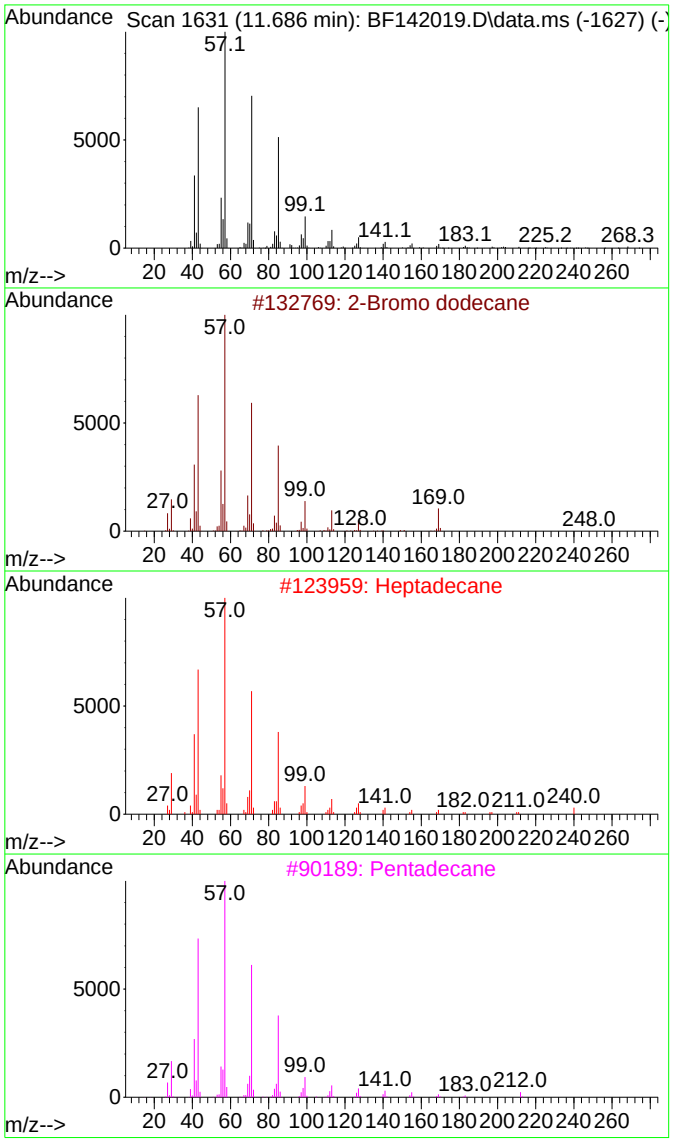
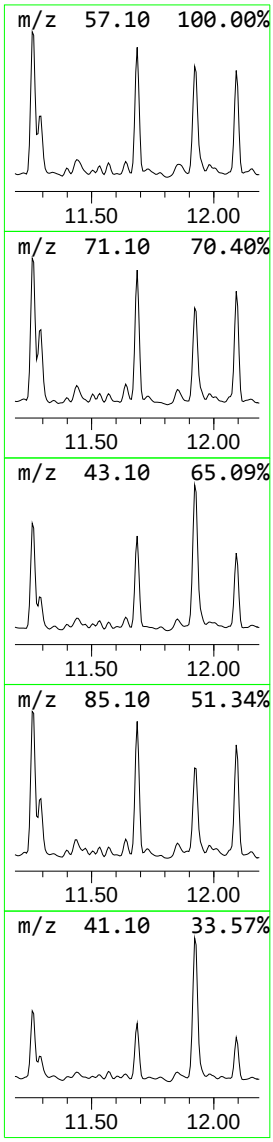
Peak Number 16 2-Bromo dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	9.45 ng	481386	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Heptadecane	240	C17H36	000629-78-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heneicosane	296	C21H44	000629-94-7	91





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

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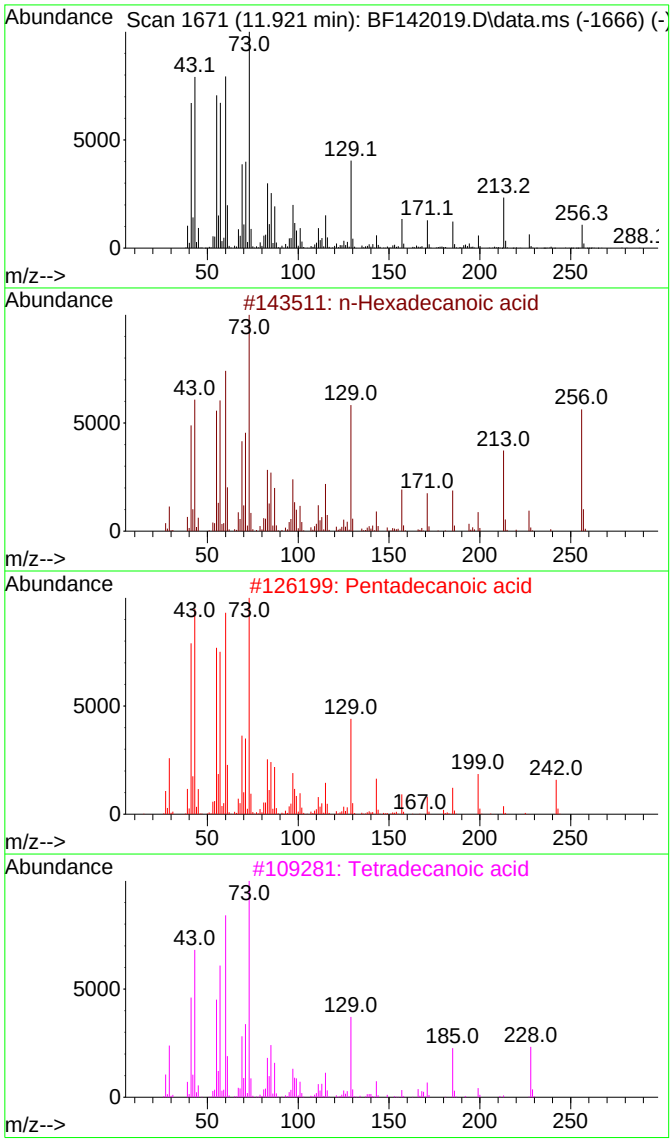
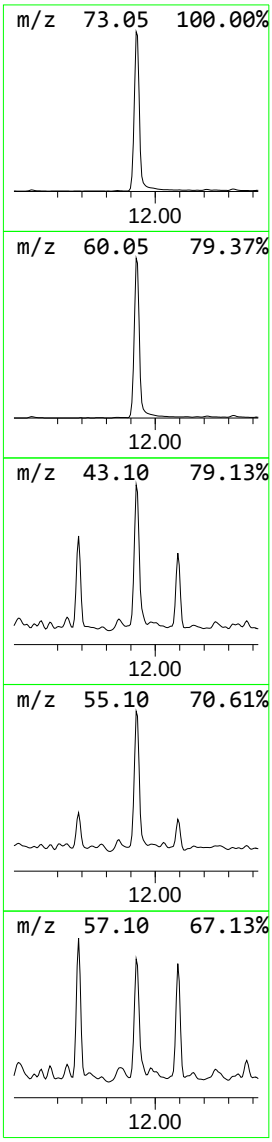
Peak Number 17 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	32.10 ng	1635450	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-SOIL-CUTTING

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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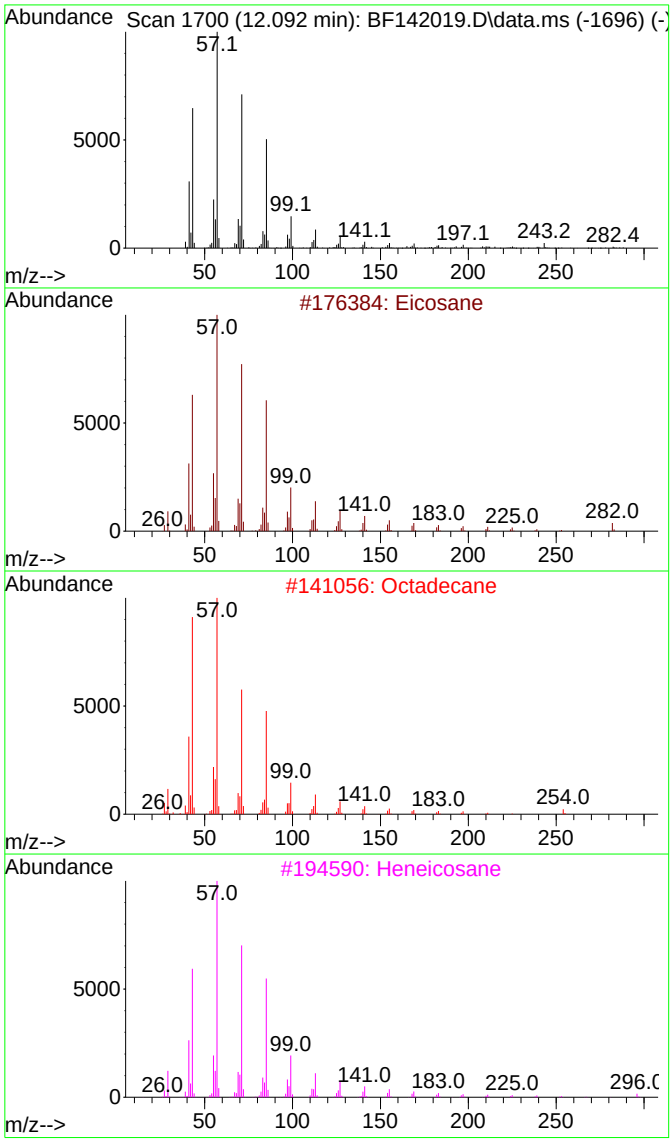
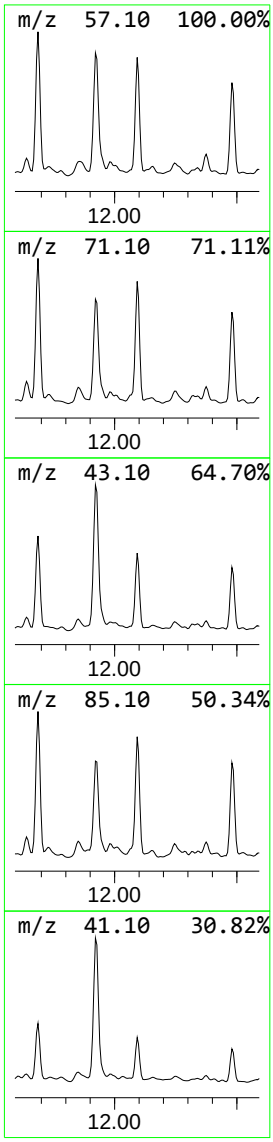
Peak Number 18 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	8.20 ng	417920	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octadecane	254	C18H38	000593-45-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142019.D
Acq On : 20 Mar 2025 19:05
Operator : RC/JU
Sample : Q1605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-SOIL-CUTTING

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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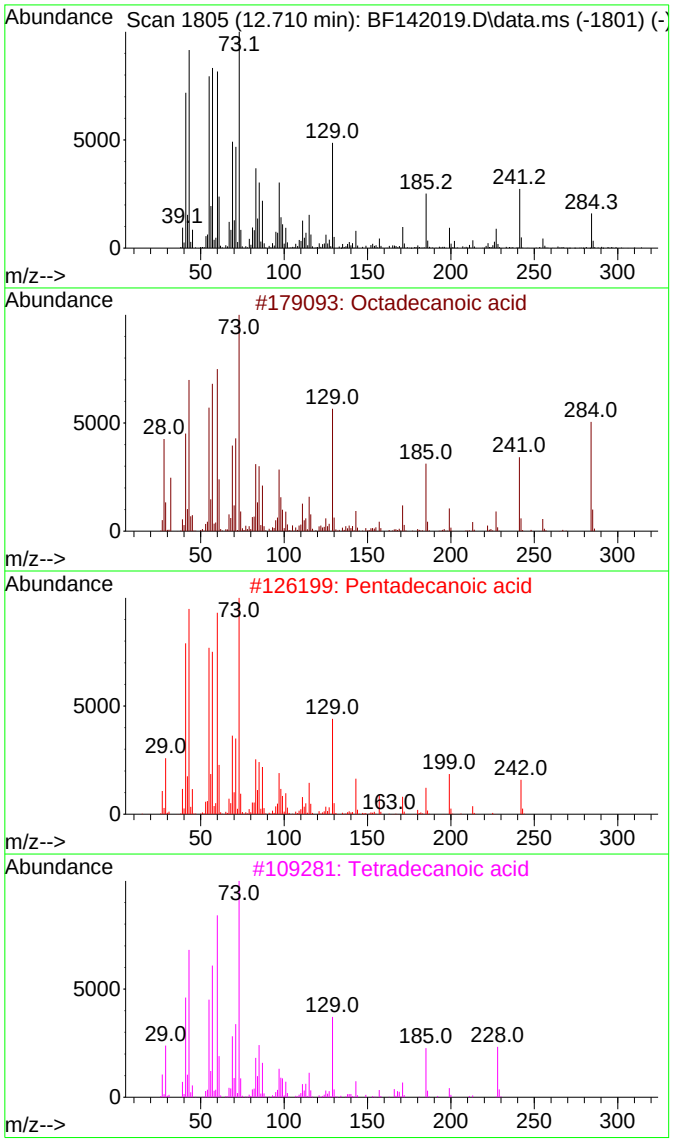
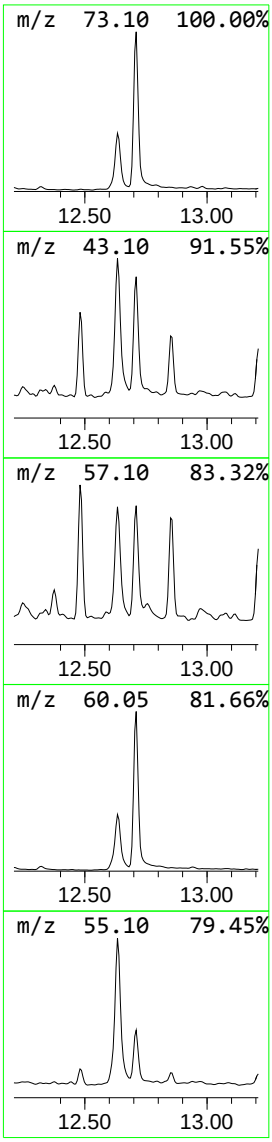
Peak Number 19 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	18.14 ng	924294	Phenanthrene-d10	11.398

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142019.D
Acq On : 20 Mar 2025 19:05
Operator : RC/JU
Sample : Q1605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-SOIL-CUTTING

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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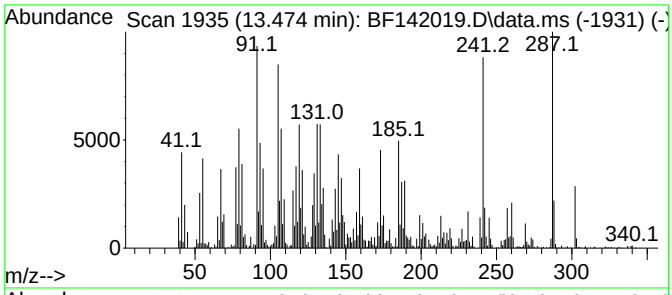
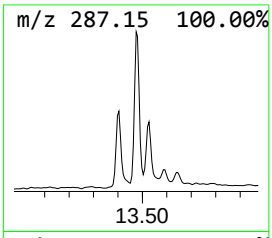
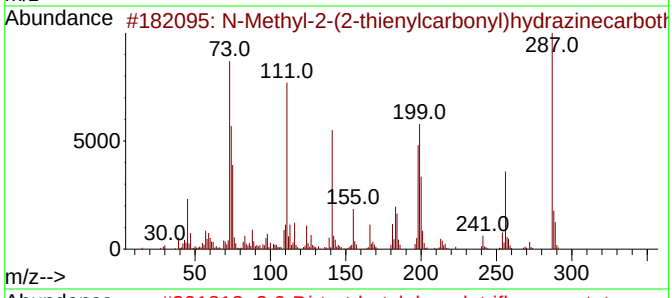
Peak Number 20 N-Methyl-2-(2-thienylcarbon... Concentration Rank 12

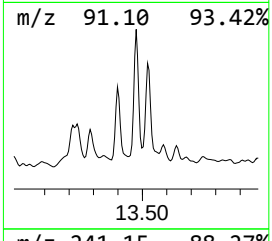
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.474	11.26 ng	521297	Chrysene-d12	14.033

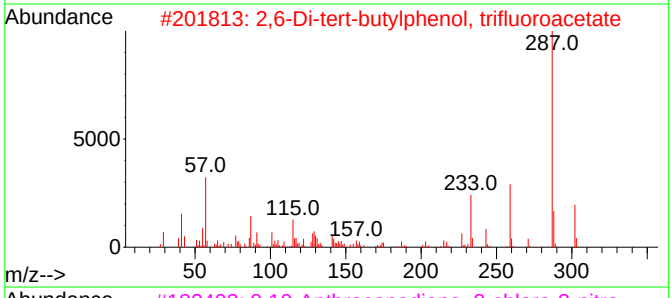
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Methyl-2-(2-thienylcarbonyl)hy...	287	C10H17N3OS2Si	1010486-38-3	56
2	2,6-Di-tert-butylphenol, trifluo...	302	C16H21F3O2	1000467-25-5	20
3	9,10-Anthracenedione, 2-chloro-3...	287	C14H6ClNO4	1000319-31-3	18
4	Pyrimido[4',5':4,5]furo[2,3-b]qu...	241	C13H11N3O2	1000362-77-3	15
5	5,7-Diphenyl-7H-pyrrolo[2,3-d]py...	287	C18H13N3O	287177-12-2	15

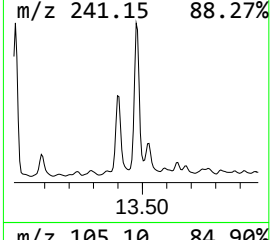


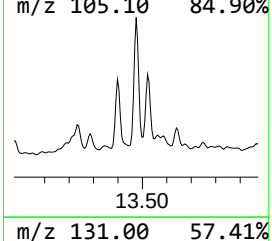


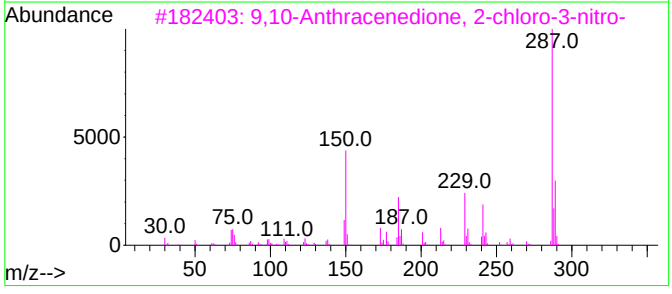


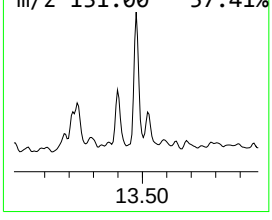












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142019.D
Acq On : 20 Mar 2025 19:05
Operator : RC/JU
Sample : Q1605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-SOIL-CUTTING

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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
Butane, 2-metho...	2.140	18.1	ng	949172	1	6.875	1050520	20.0
Decane	6.710	16.7	ng	875527	1	6.875	1050520	20.0
Benzene, 1-meth...	7.145	10.8	ng	565839	1	6.875	1050520	20.0
Decane, 3-methyl-	7.263	8.2	ng	432081	1	6.875	1050520	20.0
Tridecane	8.745	8.4	ng	1099730	2	8.157	2615440	20.0
Octane, 6-ethyl...	9.175	7.5	ng	284636	3	9.910	758006	20.0
Dodecane	9.310	28.5	ng	1079710	3	9.910	758006	20.0
unknown9.563	9.563	7.5	ng	285899	3	9.910	758006	20.0
Dodecane, 2,6,1...	9.627	14.6	ng	552567	3	9.910	758006	20.0
Pentadecane	9.839	22.3	ng	845912	3	9.910	758006	20.0
Hexadecane	10.339	22.0	ng	832499	3	9.910	758006	20.0
Pentadecane, 2,...	10.557	12.6	ng	477762	3	9.910	758006	20.0
Benzophenone	10.621	9.0	ng	342637	3	9.910	758006	20.0
Heptadecane	10.816	20.8	ng	1057250	4	11.398	1018970	20.0
Heneicosane	11.257	13.3	ng	675575	4	11.398	1018970	20.0
2-Bromo dodecane	11.686	9.4	ng	481386	4	11.398	1018970	20.0
n-Hexadecanoic ...	11.922	32.1	ng	1635450	4	11.398	1018970	20.0
Eicosane	12.092	8.2	ng	417920	4	11.398	1018970	20.0
Octadecanoic acid	12.710	18.1	ng	924294	4	11.398	1018970	20.0
N-Methyl-2-(2-t...	13.474	11.3	ng	521297	5	14.033	925719	20.0