LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	10	15	rBV	566440	736949	22.55%	2.051%
2	5.087	506	510	517	rVB	512560	590163	18.06%	1.643%
3	5.498	575	580	583	rBV	2417067	2413267	73.85%	6.717%
4	6.510	747	752	761	rBV	2898985	2840450	86.93%	7.906%
5	6.651	771	776	779	rBV	3419361	2921888	89.42%	8.133%
6	6.881	812	815	819	rBV	1063610	805683	24.66%	2.242%
7	7.040	838	842	845	rBV	2873203	2274507	69.61%	6.331%
8	7.445	906	911	914	rBV	2044386	1766916	54.07%	4.918%
9	8.169	1030	1034	1037	rBV	1337497	1053272	32.23%	2.932%
10	9.245	1213	1217	1221	rBV	3700271	3267593	100.00%	9.095%
11	9.639	1281	1284	1288	rVB	627217	461267	14.12%	1.284%
12	9.839	1315	1318	1320	rBV2	45002	41908	1.28%	0.117%
13	9.904	1326	1329	1331	rBV	151385	126864	3.88%	0.353%
14	9.933	1331	1334	1337	rVV	1417967	1243352	38.05%	3.461%
15	9.963	1337	1339	1345	rVB	57900	51674	1.58%	0.144%
16	10.051	1349	1354	1357	rBV2	73839	74700	2.29%	0.208%
17	10.086	1357	1360	1363	rVB	40868	36586	1.12%	0.102%
18	10.133	1363	1368	1372	rBV3	38976	48750	1.49%	0.136%
19	10.480	1424	1427	1433	rBV2	40833	44552	1.36%	0.124%
20	10.722	1461	1468	1472	rBV	2070884	1771346	54.21%	4.930%
21	10.757	1472	1474	1479	rVB6	40778	45679	1.40%	0.127%
22	10.845	1484	1489	1496	rVB5	49679	84236	2.58%	0.234%
23	11.033	1515	1521	1524	rBV7	29387	53293	1.63%	0.148%
24	11.280	1559	1563	1567	rBV4	109623	110318	3.38%	0.307%
25	11.322	1567	1570	1572	rVV2	41812	39425	1.21%	0.110%
26	11.427	1584	1588	1590	rBV	1330457	1253141	38.35%	3.488%
27	11.445	1590	1591	1595	rVV	496987	378742	11.59%	1.054%
28	11.498	1595	1600	1603	rVB	104047	127121	3.89%	0.354%
29	11.651	1624	1626	1634	rVB	30992	40732	1.25%	0.113%
30	11.757	1640	1644	1647	rBV	49387	52933	1.62%	0.147%
31	11.827	1652	1656	1662	rVB4	29648	54980	1.68%	0.153%
32	11.927	1670	1673	1674	rBV	176758	144921	4.44%	0.403%
33	11.951	1674	1677	1684	rVB2	443120	524940	16.07%	1.461%
34	12.039	1689	1692	1694	rVV2	180052	194567	5.95%	0.542%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.063	1694	1696	1699	rVB	119775	93420	2.86%	0.260%
36	12.222	1721	1723	1725	rBV	65832	54607	1.67%	0.152%
37	12.245	1725	1727	1734	rVB2	69515	82355	2.52%	0.229%
38	12.374	1747	1749	1752	rVB	50726	36704	1.12%	0.102%
39	12.404	1752	1754	1756	rBV	49023	37692	1.15%	0.105%
40	12.480	1764	1767	1769	rBV	90140	86497	2.65%	0.241%
41	12.516	1769	1773	1775	rVV2	110966	121315	3.71%	0.338%
42	12.563	1779	1781	1786	rVB3	83856	107378	3.29%	0.299%
43	12.645	1791	1795	1798	rBV	488615	448111	13.71%	1.247%
44	12.733	1807	1810	1814	rBV	213114	203222	6.22%	0.566%
45	12.874	1828	1834	1840	rBV	553599	637160	19.50%	1.773%
46	13.016	1854	1858	1861	rBV	3273798	2722262	83.31%	7.577%
47	13.092	1868	1871	1874	rBV	57416	71223	2.18%	0.198%
48	13.174	1883	1885	1887	rBV2	48607	53605	1.64%	0.149%
49	13.198	1887	1889	1892	rVB	73394	75412	2.31%	0.210%
50	13.269	1899	1901	1904	rVB	51659	41231	1.26%	0.115%
51	13.304	1904	1907	1910	rBV2	86682	99148	3.03%	0.276%
52	13.398	1921	1923	1925	rBV	53415	40100	1.23%	0.112%
53	13.427	1926	1928	1932	rVB	51290	49069	1.50%	0.137%
54	13.710	1974	1976	1980	rVB	63595	62170	1.90%	0.173%
55	13.780	1984	1988	1991	rBV	717023	651625	19.94%	1.814%
56	13.916	2007	2011	2017	rVB3	269339	320561	9.81%	0.892%
57	14.074	2034	2038	2041	rBV2	992157	1064129	32.57%	2.962%
58	14.098	2041	2042	2049	rVB	228042	199254	6.10%	0.555%
59	14.233	2063	2065	2071	rVB	142912	136830	4.19%	0.381%
60	14.539	2115	2117	2123	rVB2	201837	218672	6.69%	0.609%
61	14.857	2168	2171	2174	rVB	307158	289698	8.87%	0.806%
62	15.133	2214	2218	2221	rBV2	188843	293528	8.98%	0.817%
63	15.204	2227	2230	2234	rVB	322011	347795	10.64%	0.968%
64	15.510	2279	2282	2288	rVB	134139	148643	4.55%	0.414%
65	15.580	2289	2294	2296	rBV	794152	1050780	32.16%	2.925%
66	16.051	2370	2374	2380	rBV2	265415	407449	12.47%	1.134%

Sum of corrected areas: 35928360

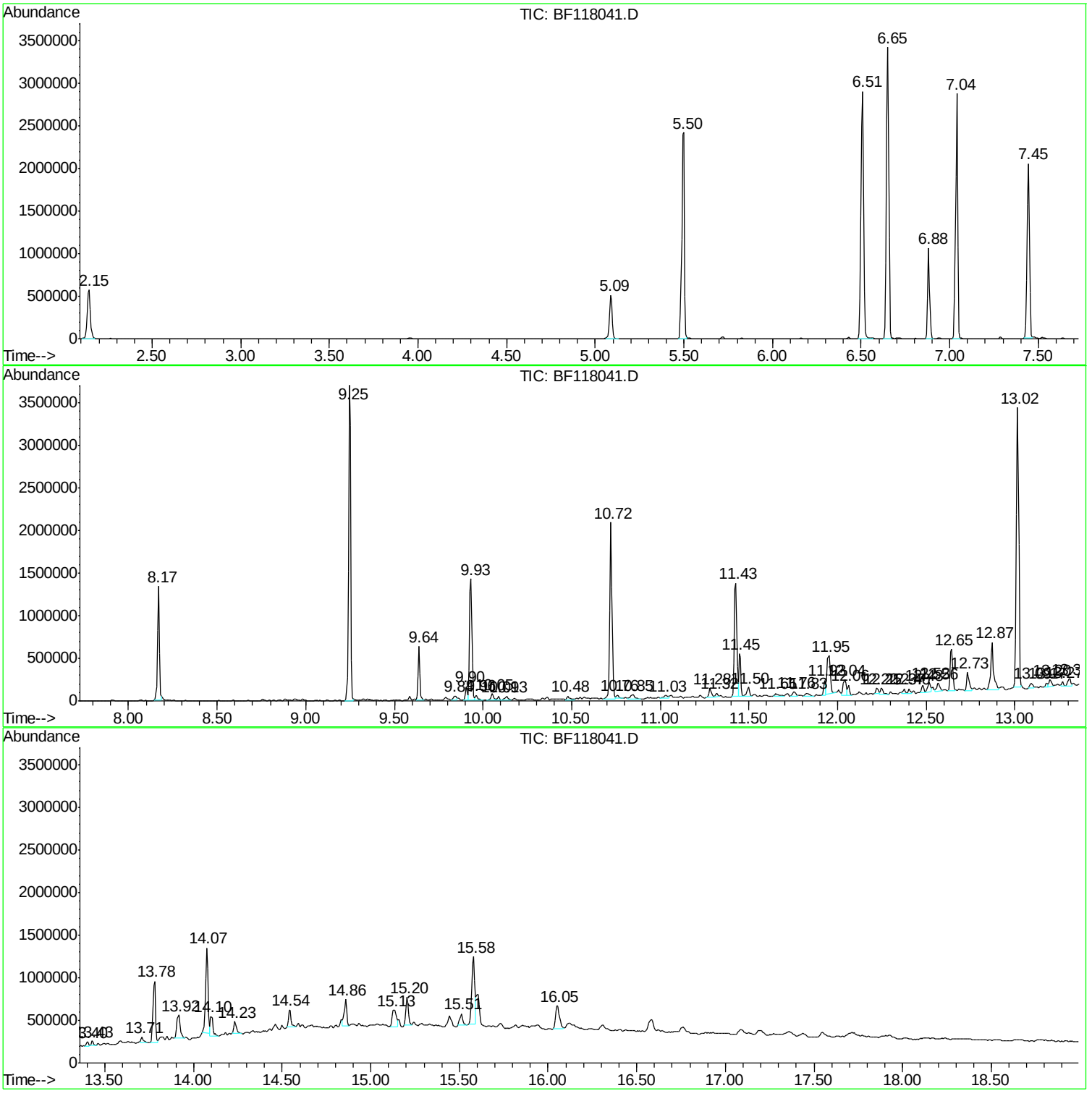
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

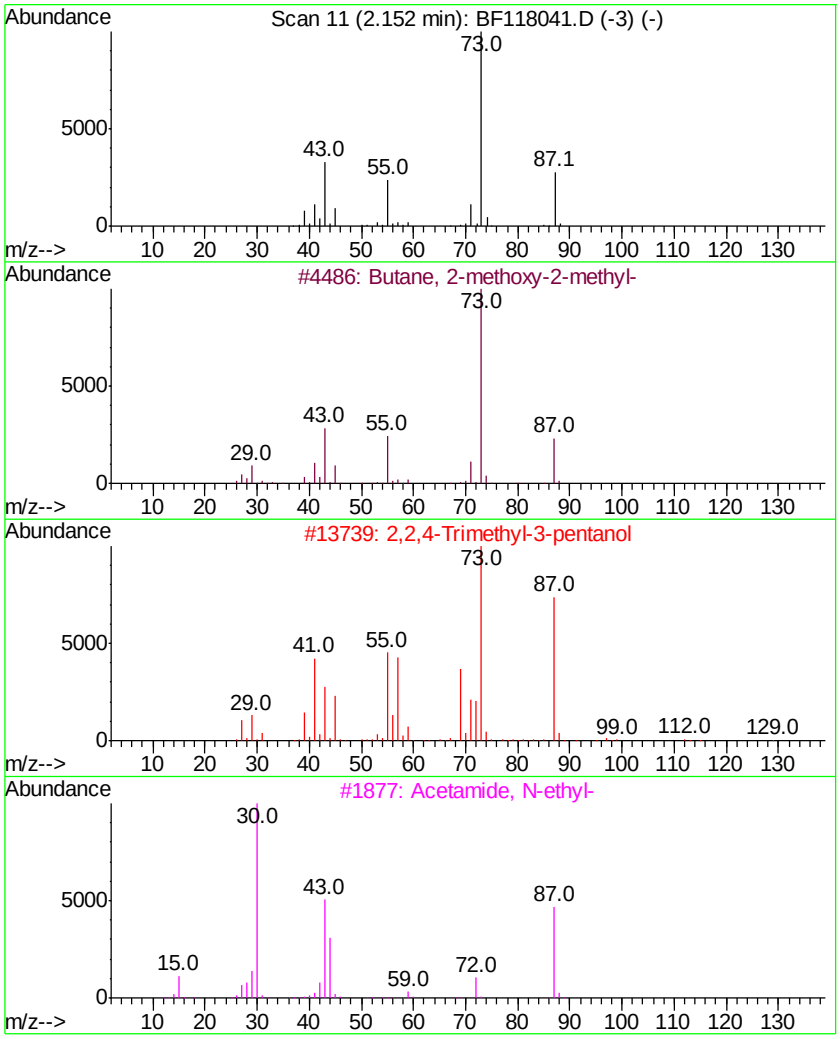
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

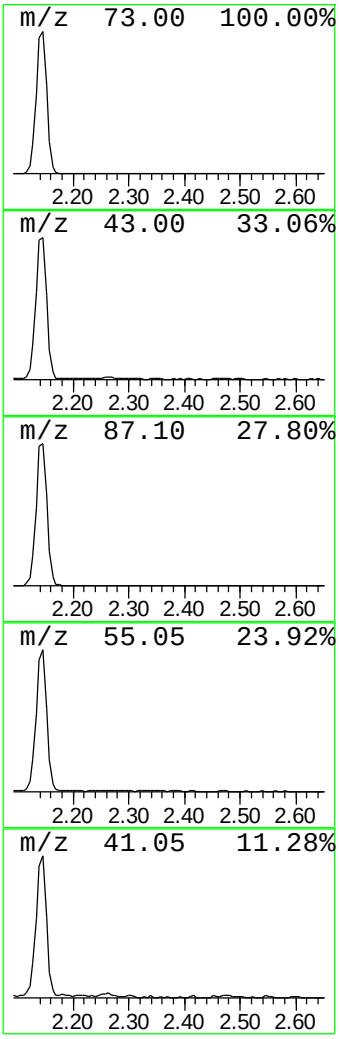
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	18.29 ng	736949	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

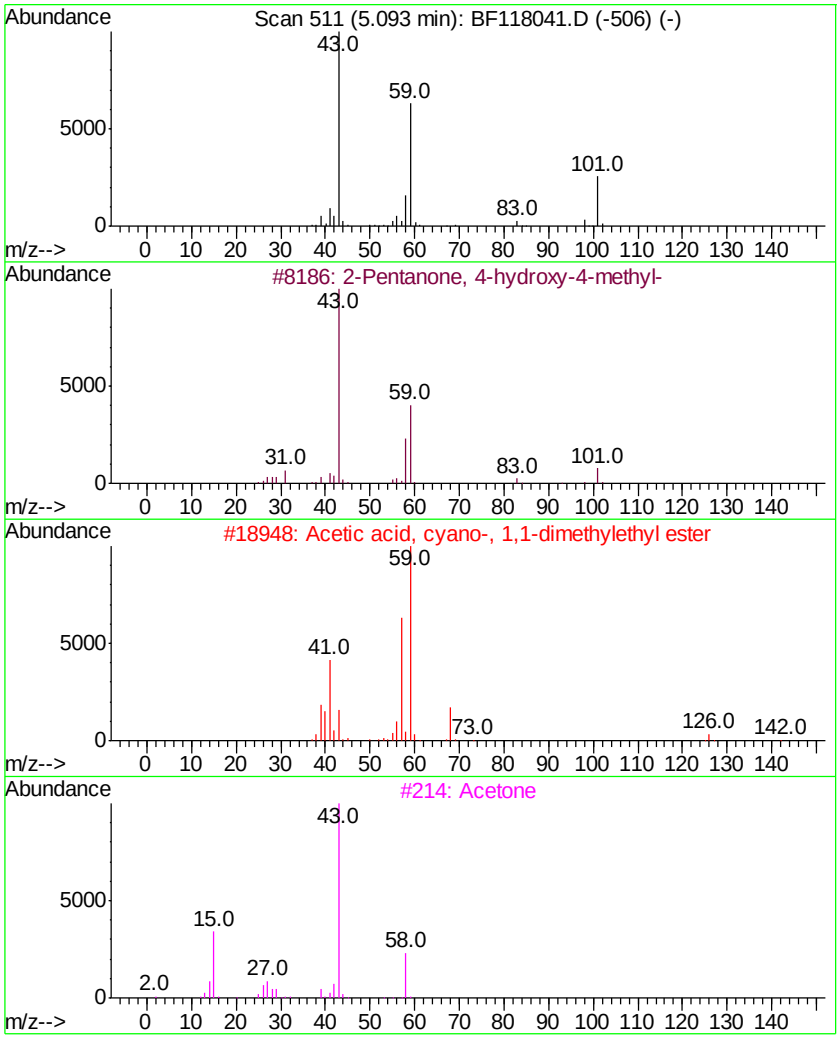
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

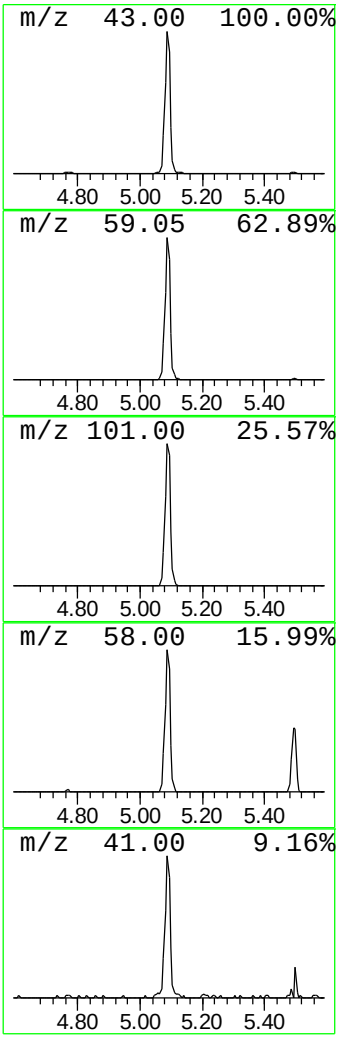
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	14.65 ng	590163	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Acetone	58	C3H6O	000067-64-1	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

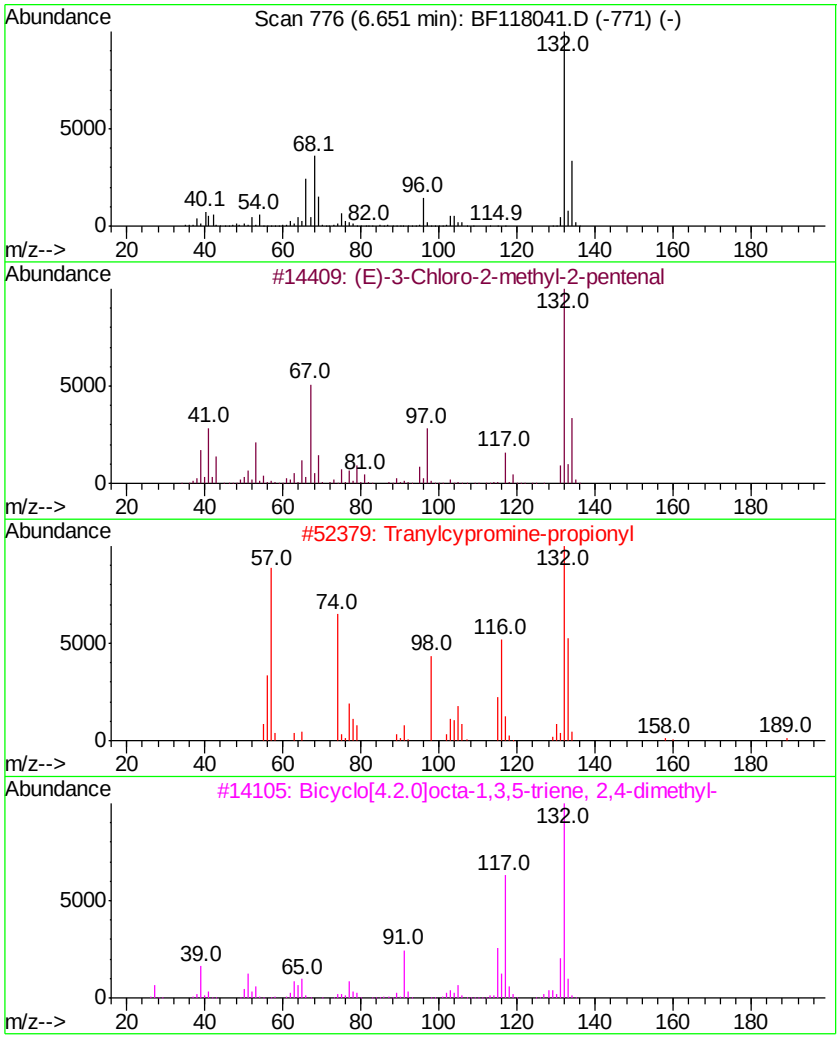
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

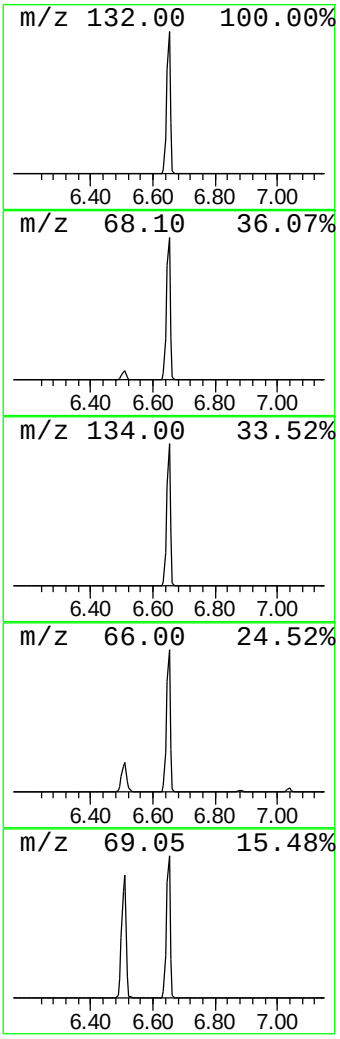
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	72.53 ng	2921890	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
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TIC Library : C:\DATABASE\NIST11.L
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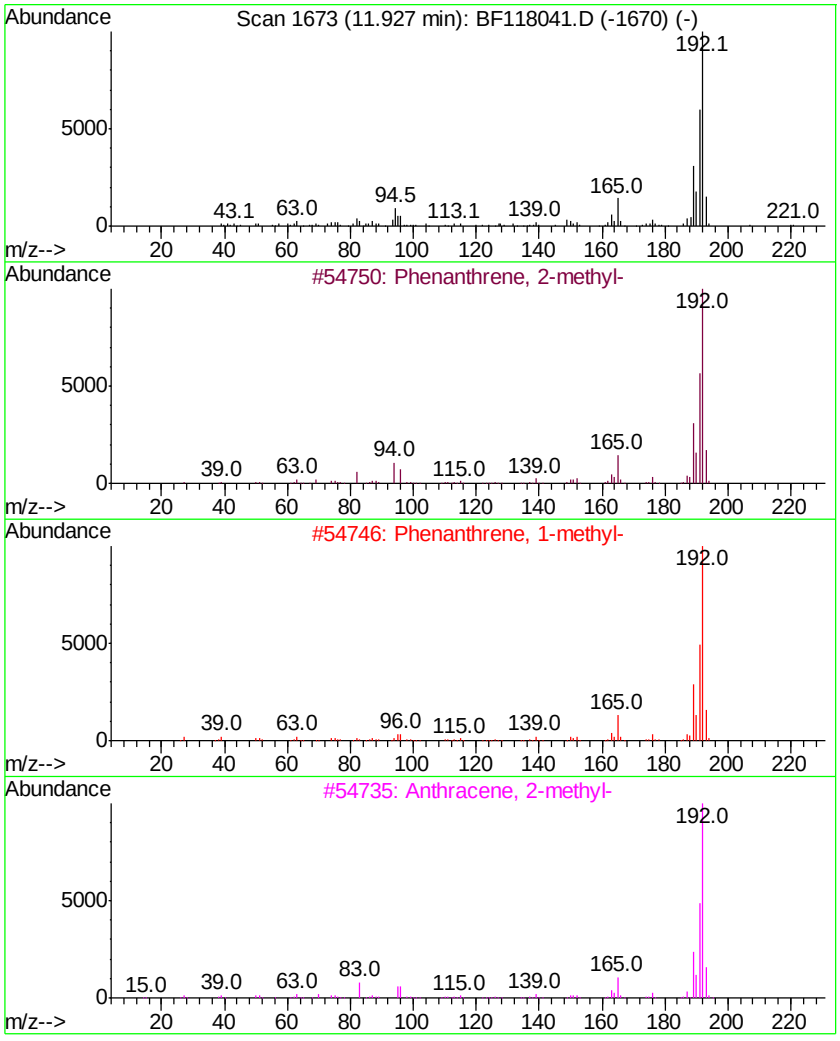
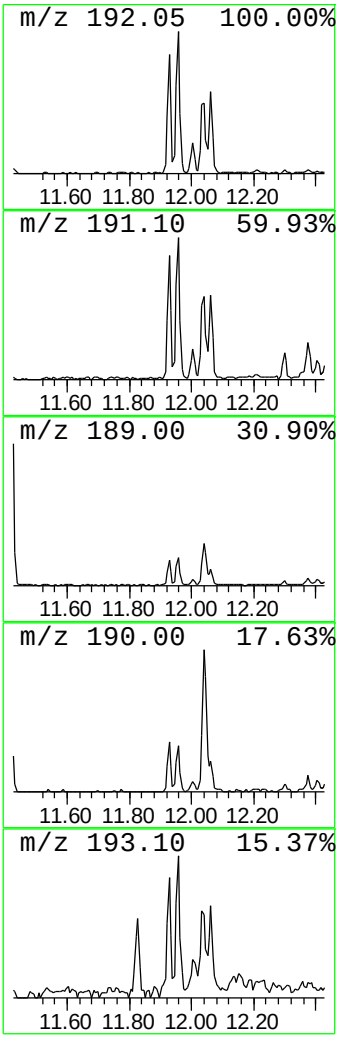
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.31 ng	144921	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

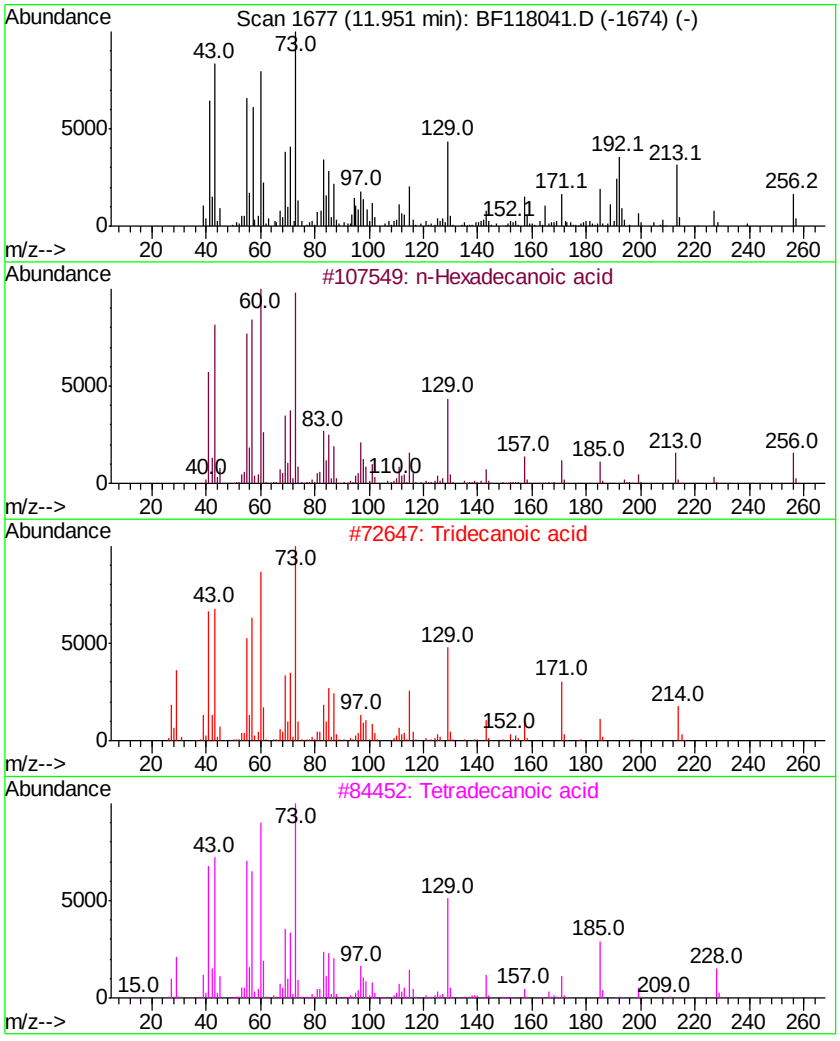
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

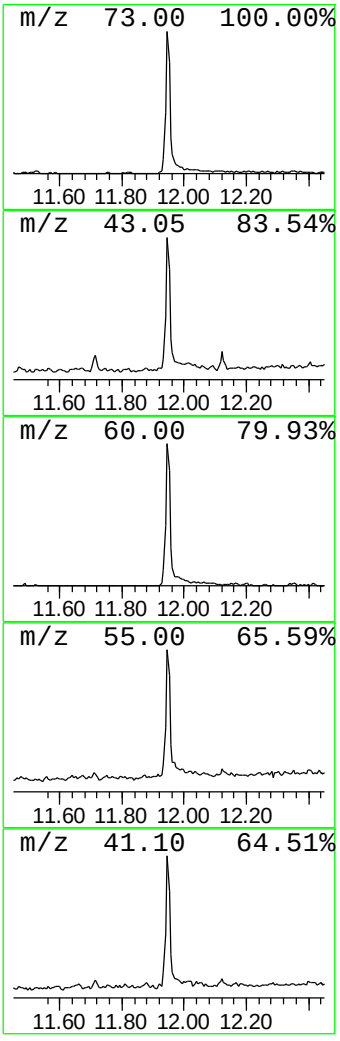
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	8.38 ng	524940	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

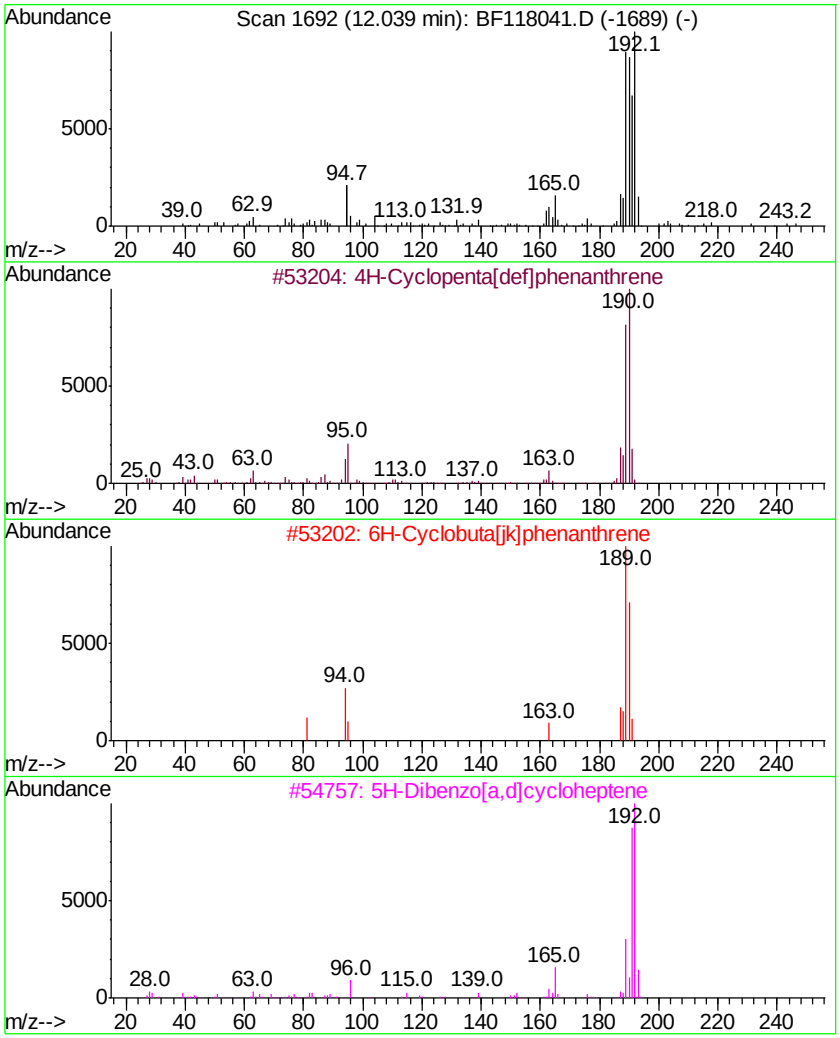
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

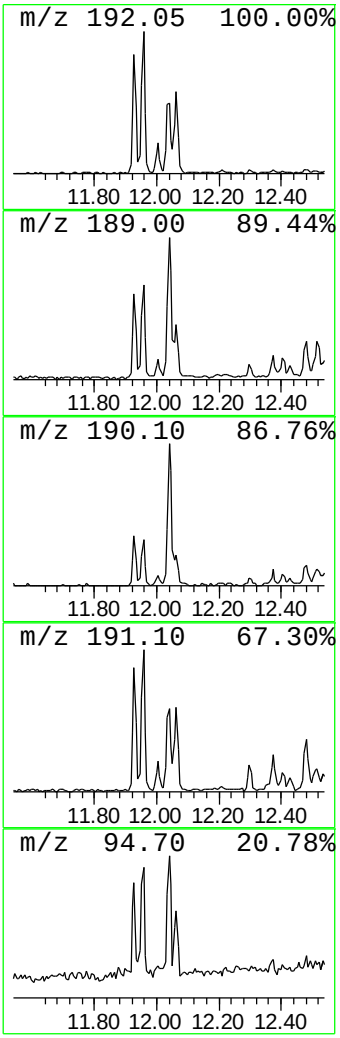
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.11 ng	194567	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

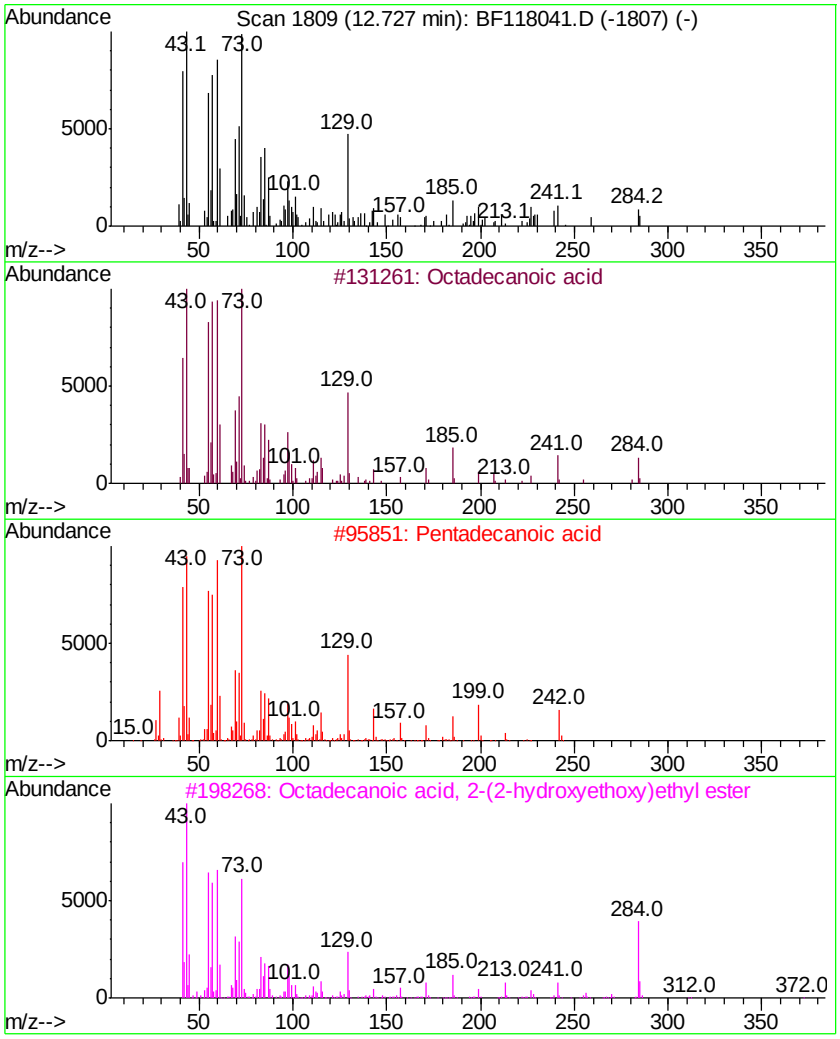
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

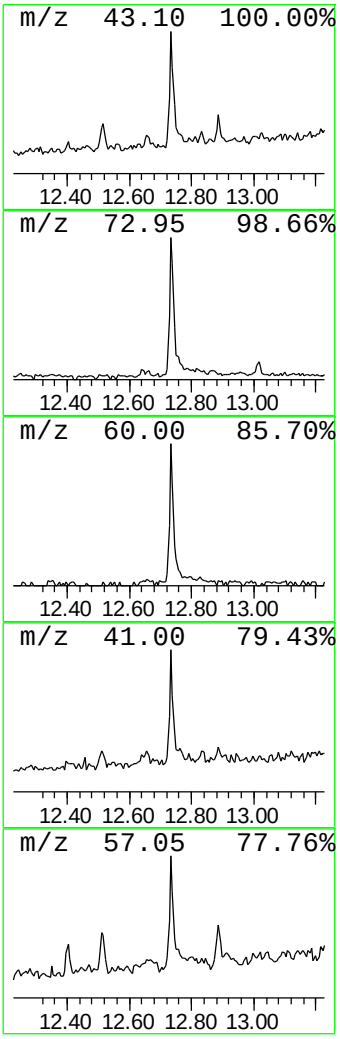
****

Peak Number 10 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.24 ng	203222	Phenanthrene-d10	11.43

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	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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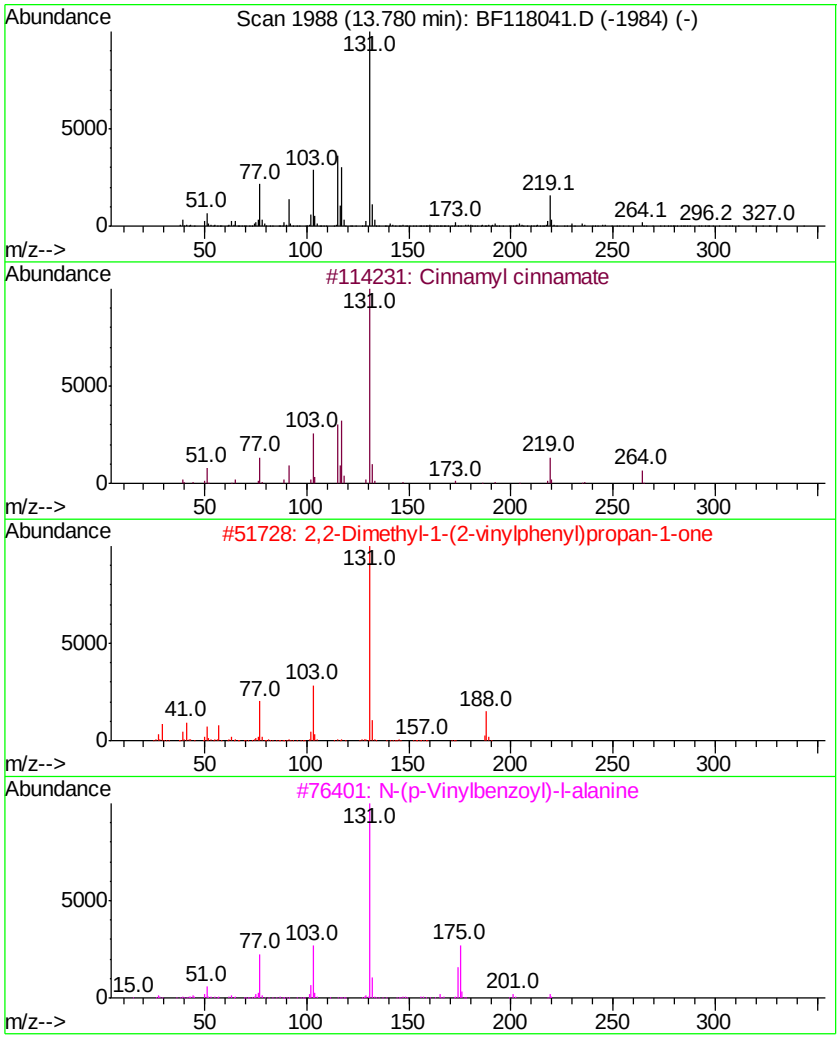
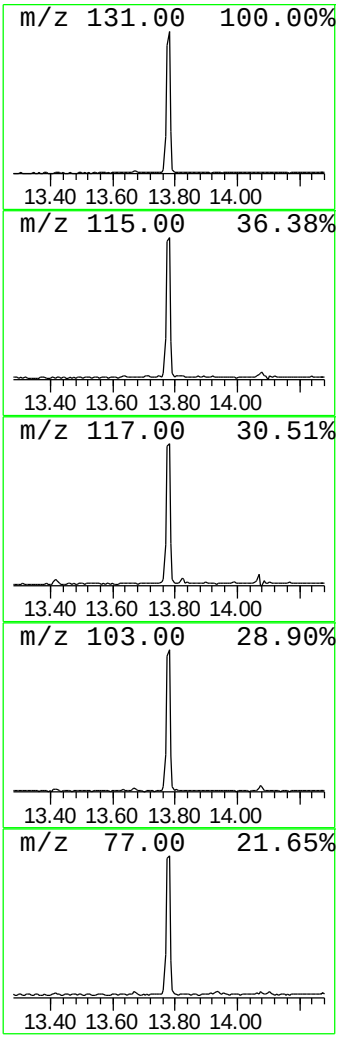
Peak Number 11 Cinnamyl cinnamate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	12.25 ng	651625	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	52
3	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	50
4	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	50
5	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	50





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Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

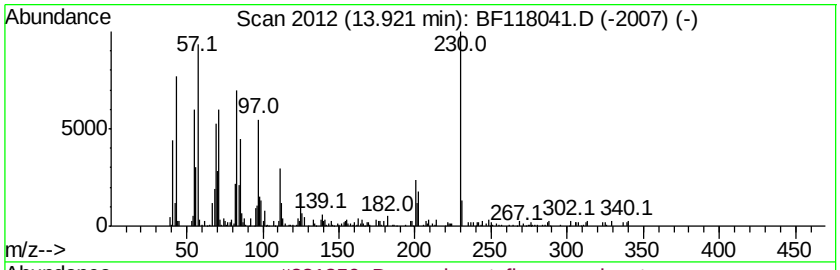
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

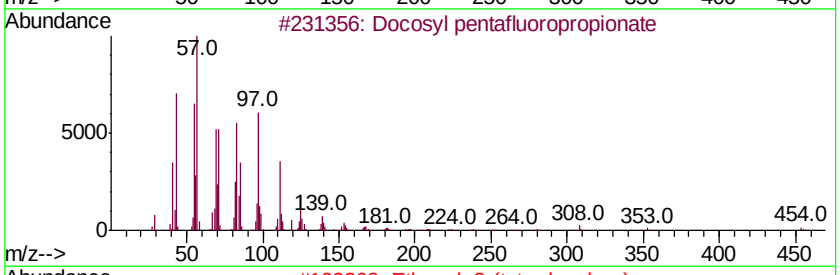
****

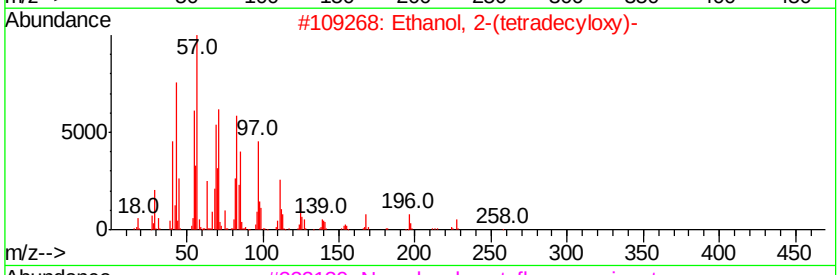
Peak Number 12 Docosyl pentafluoropropionate Concentration Rank 10

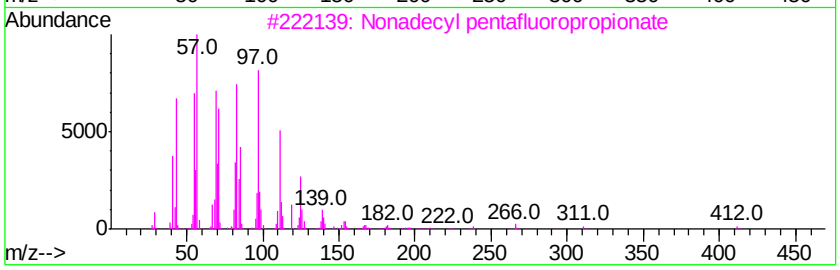
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	6.02 ng	320561	Chrysene-d12	14.07

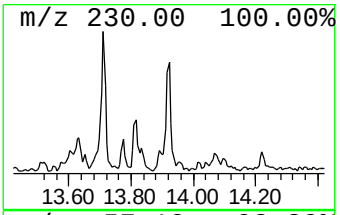
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	76
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	76
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	76
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	68

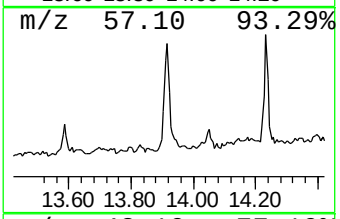


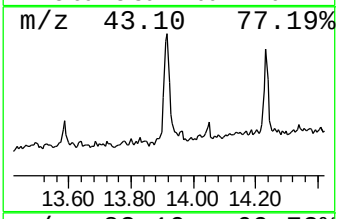


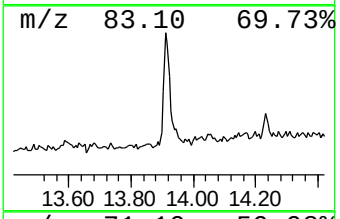


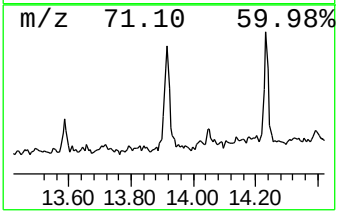












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

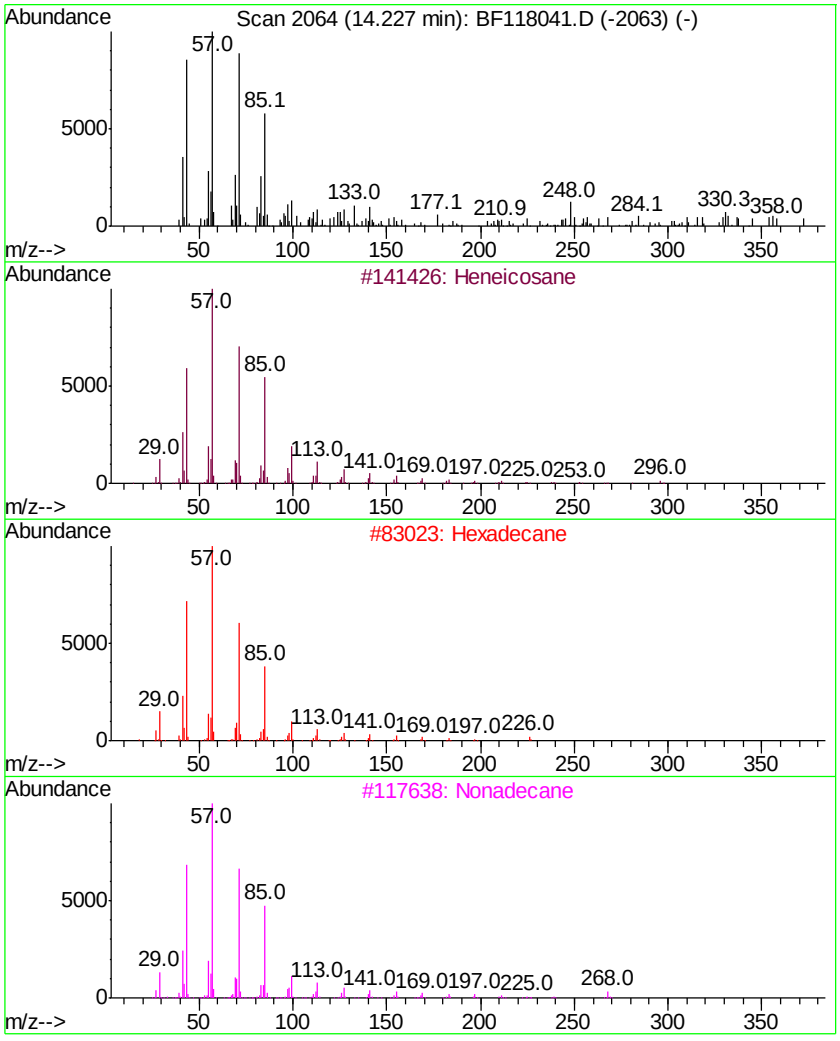
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

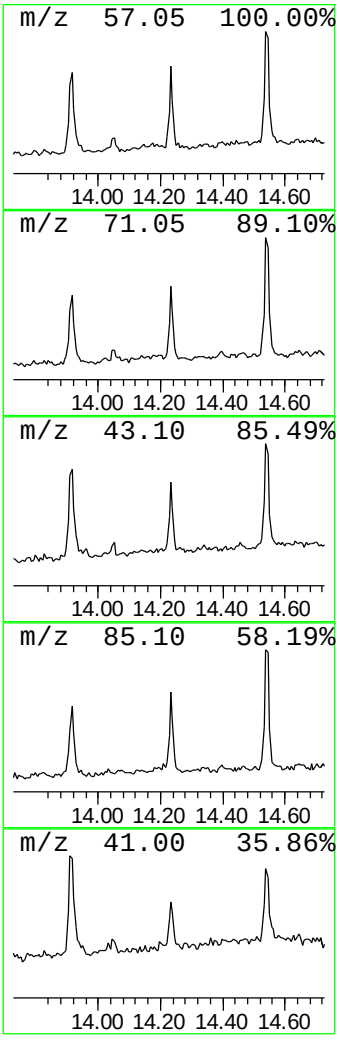
****

Peak Number 13 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.57 ng	136830	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Hexadecane	226	C16H34	000544-76-3	95
3	Nonadecane	268	C19H40	000629-92-5	94
4	Docosane	310	C22H46	000629-97-0	93
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





Library Search Compound Report

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Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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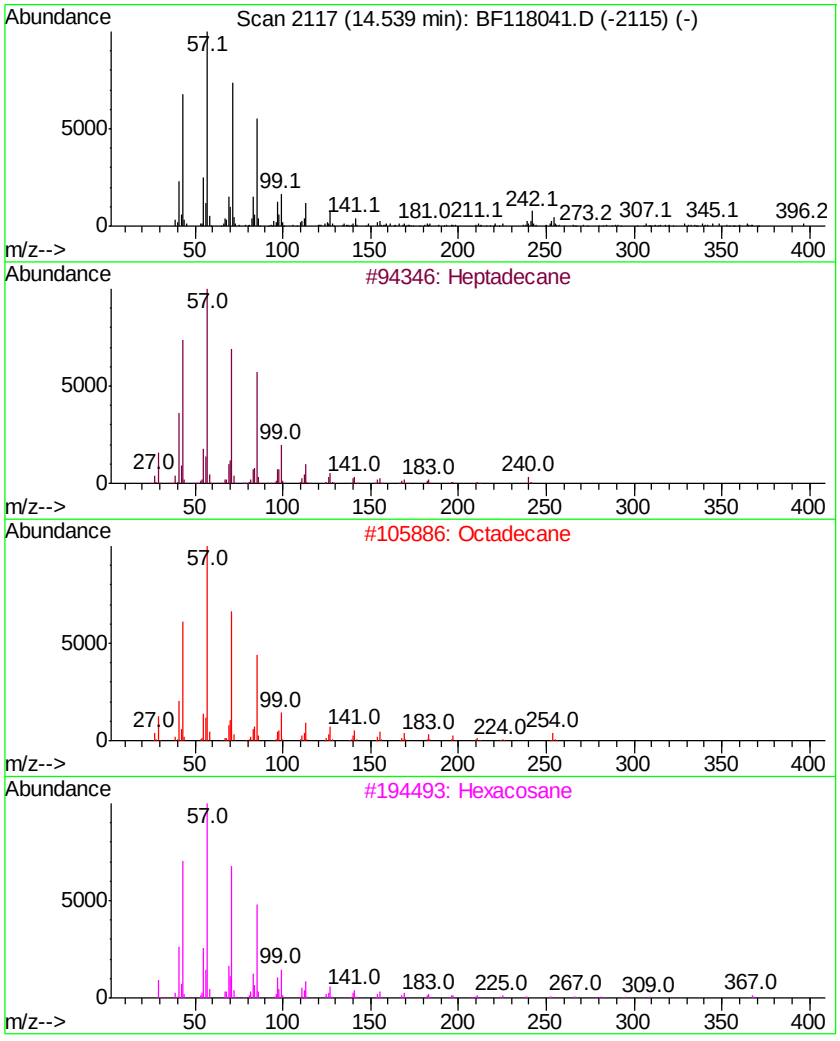
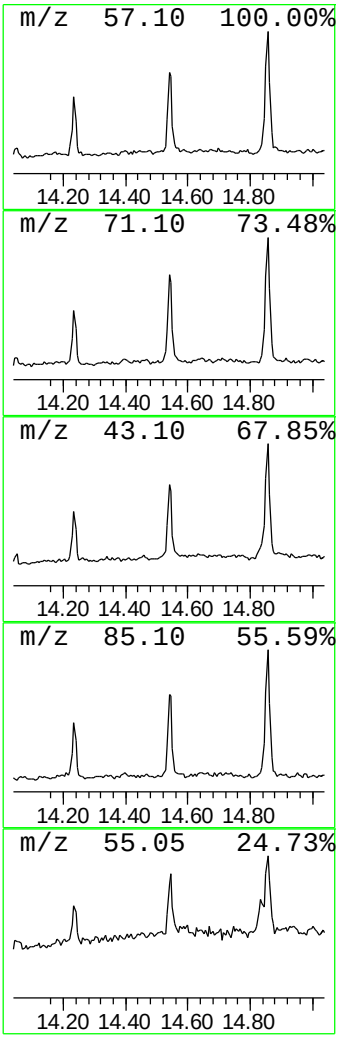
Peak Number 14 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	4.11 ng	218672	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Octadecane	254	C18H38	000593-45-3	93
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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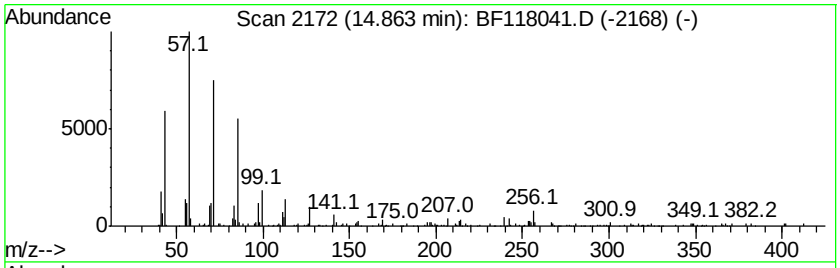
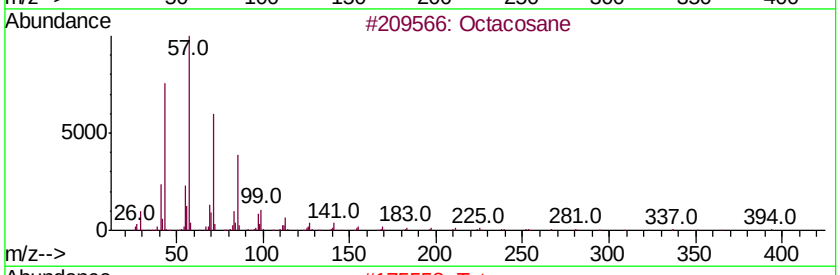
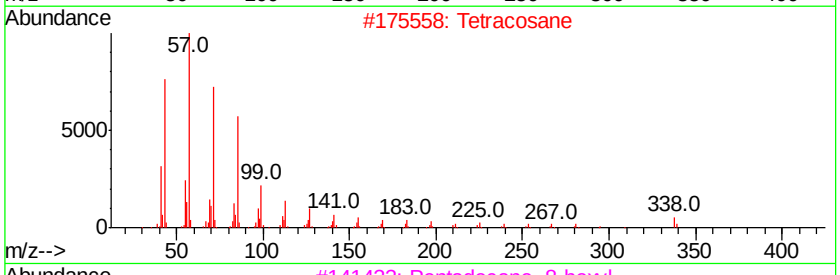
Peak Number 15 Tetracosane Concentration Rank 11

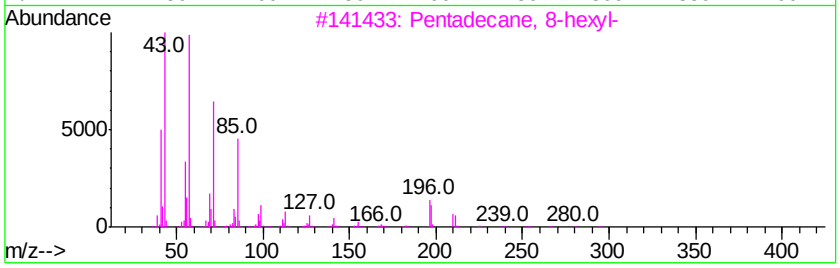
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	5.51 ng	289698	Perylene-d12	15.58

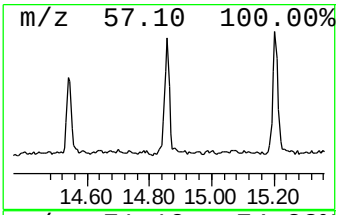
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	97
2	Tetracosane	338	C24H50	000646-31-1	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	86

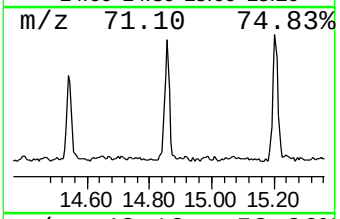


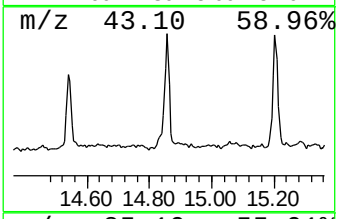


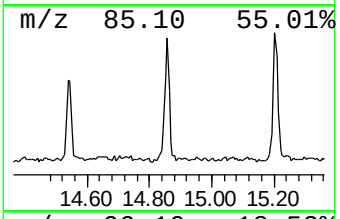


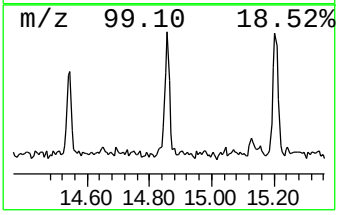












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

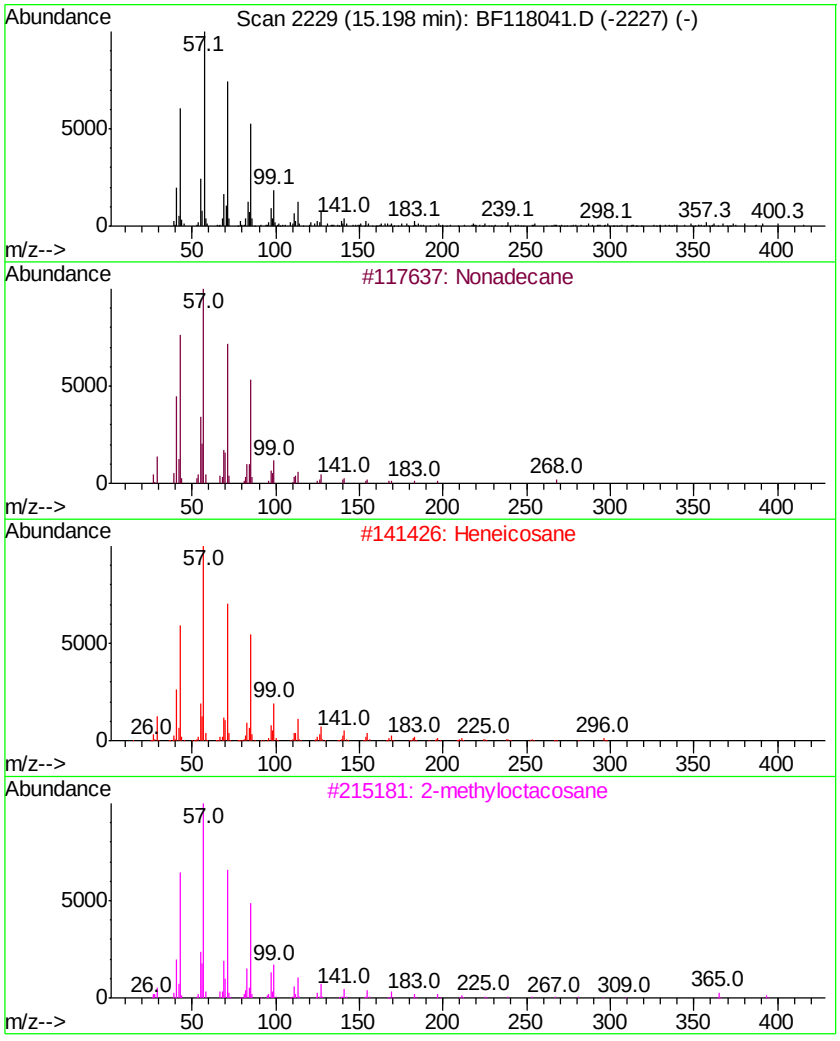
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

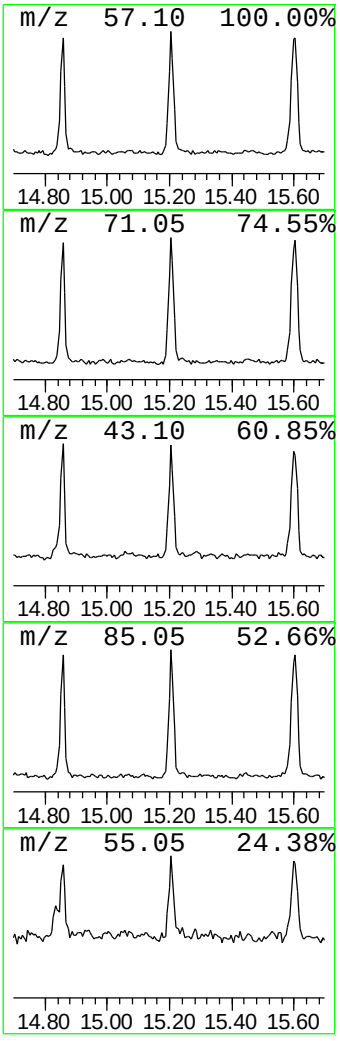
****

Peak Number 16 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	6.62 ng	347795	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptacosane	380	C27H56	000593-49-7	89





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Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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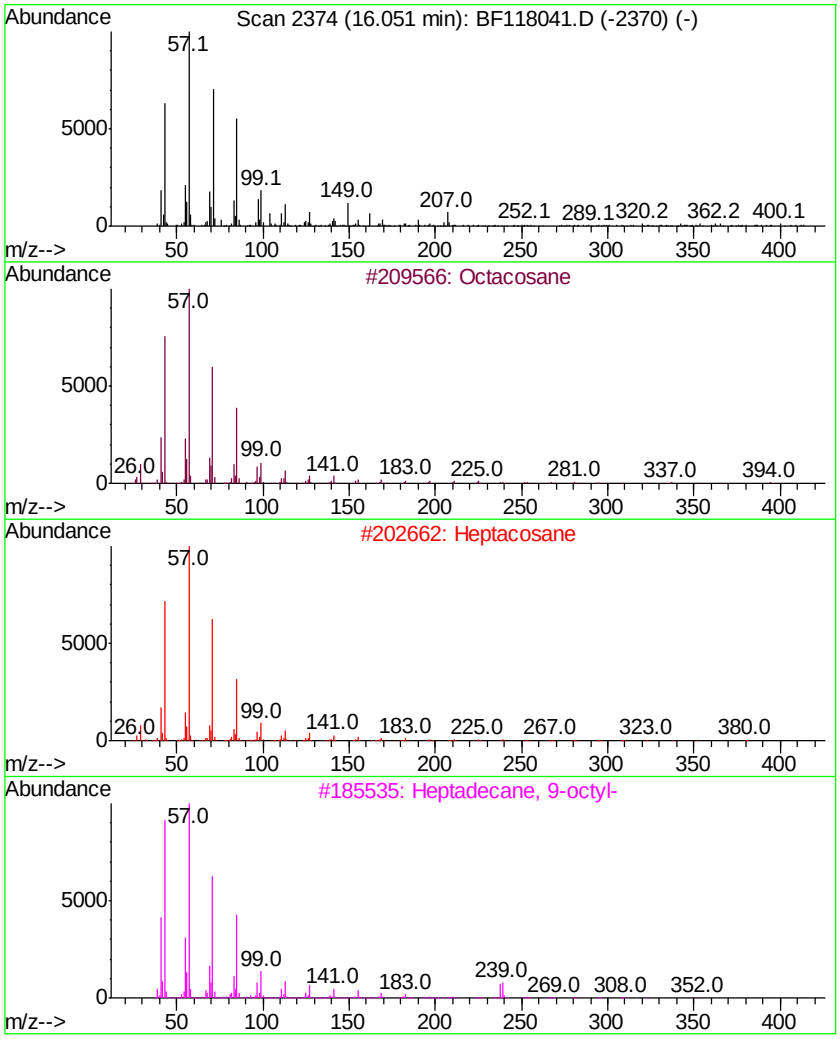
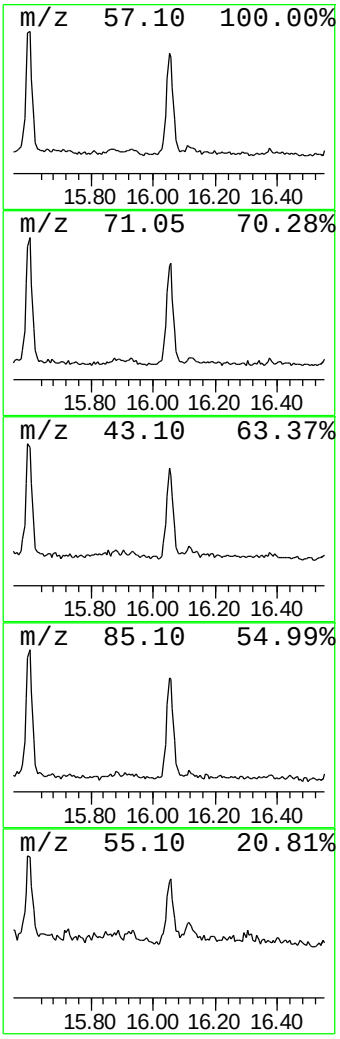
Peak Number 17 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	7.76 ng	407449	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Heptacosane	380	C27H56	000593-49-7	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	89
4	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	87
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112719\
Data File : BF118041.D
Acq On : 27 Nov 2019 15:25
Operator : JU
Sample : K6021-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-003-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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-methoxy...	2.15	18.3	ng	736949	1	6.88	805683	20.0
2-Pentanone, 4-hy...	5.09	14.7	ng	590163	1	6.88	805683	20.0
unknown6.65	6.65	72.5	ng	2921890	1	6.88	805683	20.0
Phenanthrene, 2-m...	11.93	2.3	ng	144921	4	11.43	1253140	20.0
n-Hexadecanoic acid	11.95	8.4	ng	524940	4	11.43	1253140	20.0
4H-Cyclopenta[def...	12.04	3.1	ng	194567	4	11.43	1253140	20.0
Octadecanoic acid	12.73	3.2	ng	203222	4	11.43	1253140	20.0
Cinnamyl cinnamate	13.78	12.3	ng	651625	5	14.07	1064130	20.0
Docosyl pentafluo...	13.92	6.0	ng	320561	5	14.07	1064130	20.0
Heneicosane	14.23	2.6	ng	136830	5	14.07	1064130	20.0
Heptadecane	14.54	4.1	ng	218672	5	14.07	1064130	20.0
Tetracosane	14.86	5.5	ng	289698	6	15.58	1050780	20.0
Nonadecane	15.20	6.6	ng	347795	6	15.58	1050780	20.0
Octacosane	16.05	7.8	ng	407449	6	15.58	1050780	20.0