LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130486.D
Acq On : 30 Sep 2022 16:11
Operator : CG\JU
Sample : N4912-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130486.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.146	346	350	358	rBV	96493	122414	5.27%	0.597%
2	4.828	459	466	469	rBV	1353277	1929095	83.04%	9.414%
3	5.246	533	537	551	rBV	2392171	2323194	100.00%	11.338%
4	5.646	601	605	611	rBV	154729	137562	5.92%	0.671%
5	6.281	708	713	716	rBV	2307568	2201050	94.74%	10.741%
6	6.634	770	773	777	rBV	707167	604244	26.01%	2.949%
7	7.204	865	870	873	rBV	1633789	1449507	62.39%	7.074%
8	7.845	974	979	980	rBV	47090	65503	2.82%	0.320%
9	7.916	987	991	998	rVB	813573	778795	33.52%	3.801%
10	8.998	1170	1175	1178	rBV	2395171	2295106	98.79%	11.200%
11	9.669	1283	1289	1293	rBV	937680	787653	33.90%	3.844%
12	10.457	1419	1423	1433	rVB	1649277	1450695	62.44%	7.080%
13	11.145	1537	1540	1543	rBV	767964	724023	31.16%	3.533%
14	11.169	1543	1544	1549	rVV	177161	132848	5.72%	0.648%
15	11.222	1549	1553	1556	rVB	41624	38649	1.66%	0.189%
16	11.551	1605	1609	1614	rVB3	23589	27273	1.17%	0.133%
17	11.651	1623	1626	1628	rBV	60397	59010	2.54%	0.288%
18	11.680	1628	1631	1636	rVB2	72372	87157	3.75%	0.425%
19	11.757	1641	1644	1646	rVV	76053	74009	3.19%	0.361%
20	11.780	1646	1648	1652	rVB	47631	41874	1.80%	0.204%
21	11.975	1678	1681	1686	rVB3	19643	26564	1.14%	0.130%
22	12.198	1716	1719	1721	rBV	61599	57486	2.47%	0.281%
23	12.227	1721	1724	1727	rVV2	26558	35726	1.54%	0.174%
24	12.280	1730	1733	1737	rBV4	29348	38819	1.67%	0.189%
25	12.357	1741	1746	1752	rBV	242555	244790	10.54%	1.195%
26	12.504	1767	1771	1776	rVB3	30288	37016	1.59%	0.181%
27	12.580	1779	1784	1787	rBV	254306	247311	10.65%	1.207%
28	12.645	1791	1795	1798	rVB2	34067	37863	1.63%	0.185%
29	12.733	1806	1810	1813	rBV	2138382	1753236	75.47%	8.556%
30	12.804	1817	1822	1826	rBV4	26348	49203	2.12%	0.240%
31	12.898	1834	1838	1839	rBV3	38760	49970	2.15%	0.244%
32	12.980	1849	1852	1854	rVB2	24046	25903	1.11%	0.126%
33	13.016	1854	1858	1860	rBV2	48754	55486	2.39%	0.271%
34	13.104	1871	1873	1876	rVB	46167	43783	1.88%	0.214%
35	13.139	1876	1879	1881	rBV	33030	28262	1.22%	0.138%
36	13.310	1906	1908	1915	rVB4	25638	30055	1.29%	0.147%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130486.D
Acq On : 30 Sep 2022 16:11
Operator : CG\JU
Sample : N4912-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.421	1924	1927	1931	rVB	21624	25224	1.09%	0.123%
38	13.527	1940	1945	1948	rBV3	37153	56387	2.43%	0.275%
39	13.639	1960	1964	1967	rVB2	29082	34606	1.49%	0.169%
40	13.780	1983	1988	1991	rBV2	617716	703246	30.27%	3.432%
41	13.804	1991	1992	1998	rVB	122575	90040	3.88%	0.439%
42	13.880	2003	2005	2008	rVB2	39426	35194	1.51%	0.172%
43	14.168	2052	2054	2057	rVB	32541	25915	1.12%	0.126%
44	14.257	2067	2069	2072	rVB4	40335	38047	1.64%	0.186%
45	14.780	2155	2158	2161	rBV	103795	132926	5.72%	0.649%
46	14.863	2169	2172	2178	rVB2	35810	52726	2.27%	0.257%
47	15.051	2202	2204	2210	rVB	69130	89600	3.86%	0.437%
48	15.110	2211	2214	2219	rVB	98511	114140	4.91%	0.557%
49	15.168	2220	2224	2228	rBV	534641	619729	26.68%	3.024%
50	15.592	2293	2296	2304	rVB	59466	95219	4.10%	0.465%
51	16.039	2369	2372	2378	rVB3	35817	55494	2.39%	0.271%
52	16.480	2443	2447	2455	rVB2	41364	86809	3.74%	0.424%
53	16.568	2458	2462	2468	rVB5	47673	89252	3.84%	0.436%
54	16.874	2511	2514	2519	rVB2	37747	55475	2.39%	0.271%

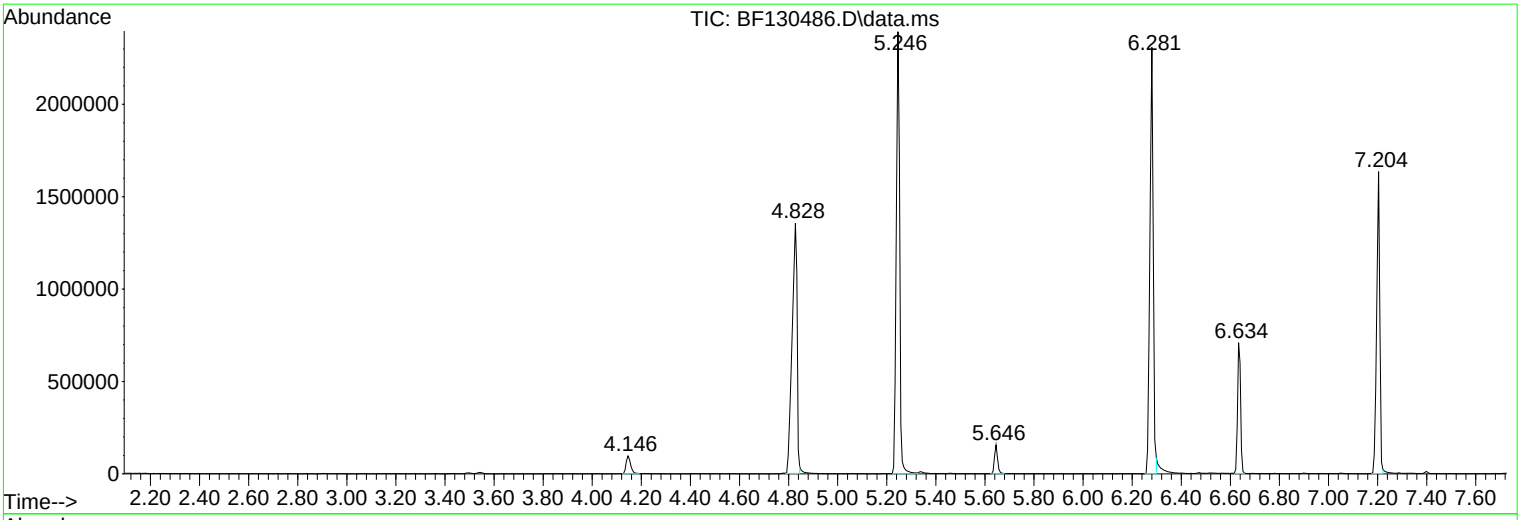
Sum of corrected areas: 20491163

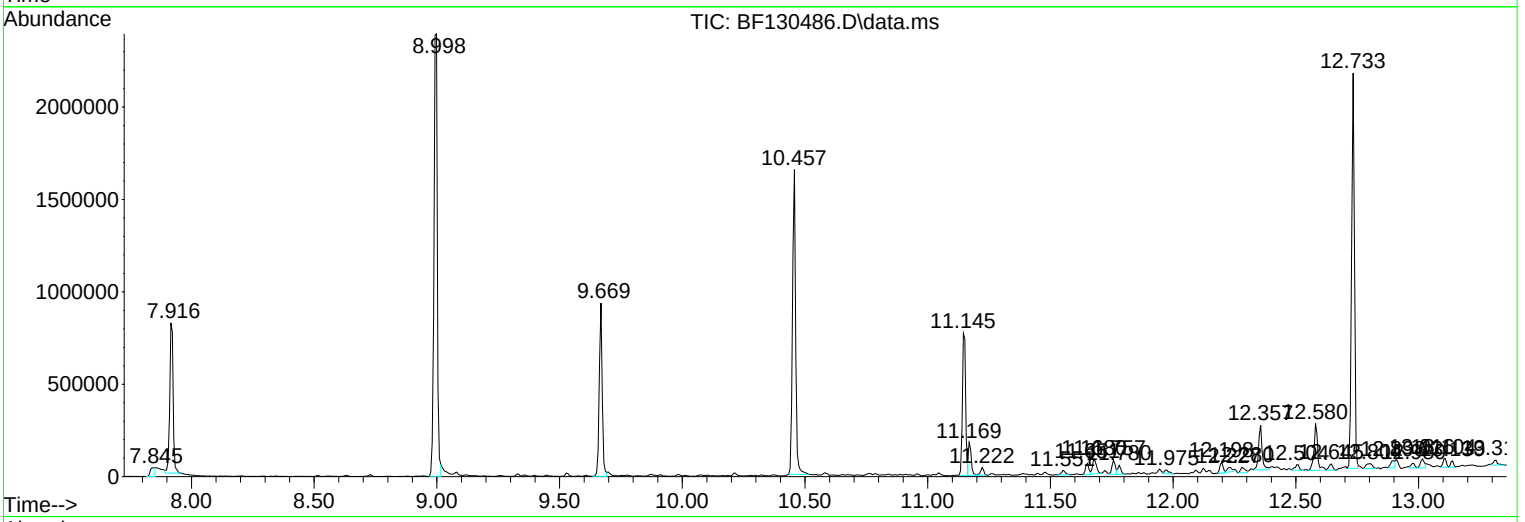
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130486.D
Acq On : 30 Sep 2022 16:11
Operator : CG\JU
Sample : N4912-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

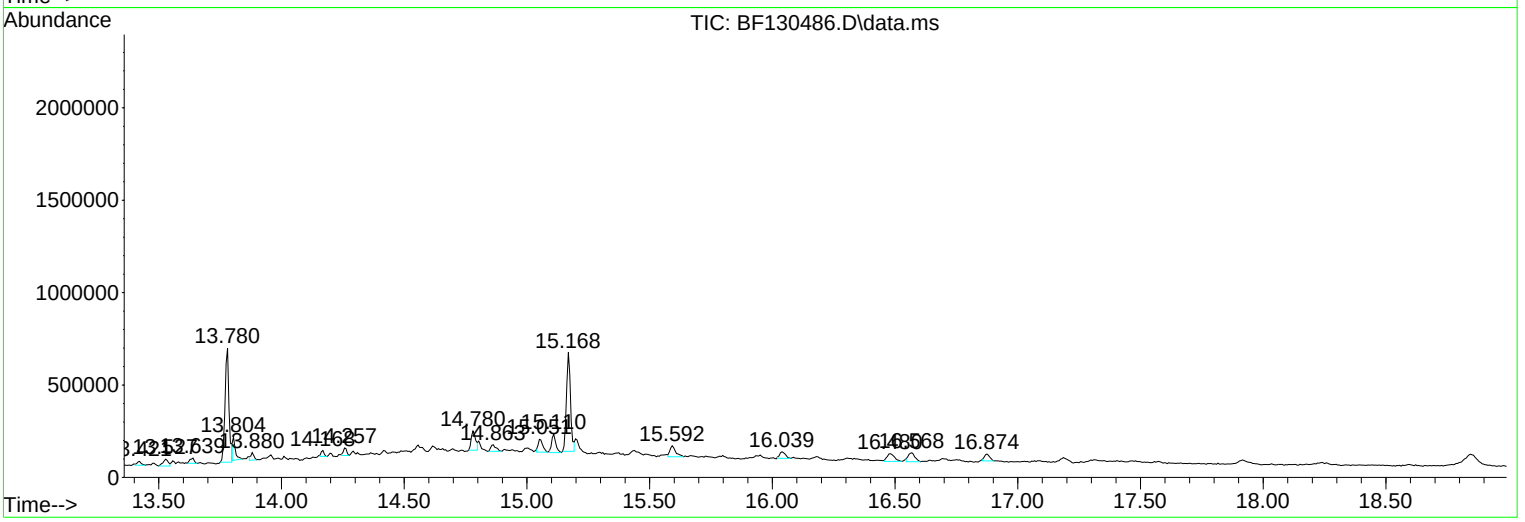
Instrument :
BNA_F
ClientSampleId :
VNJ-211

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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\BF093022\
Data File : BF130486.D
Acq On : 30 Sep 2022 16:11
Operator : CG\JU
Sample : N4912-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

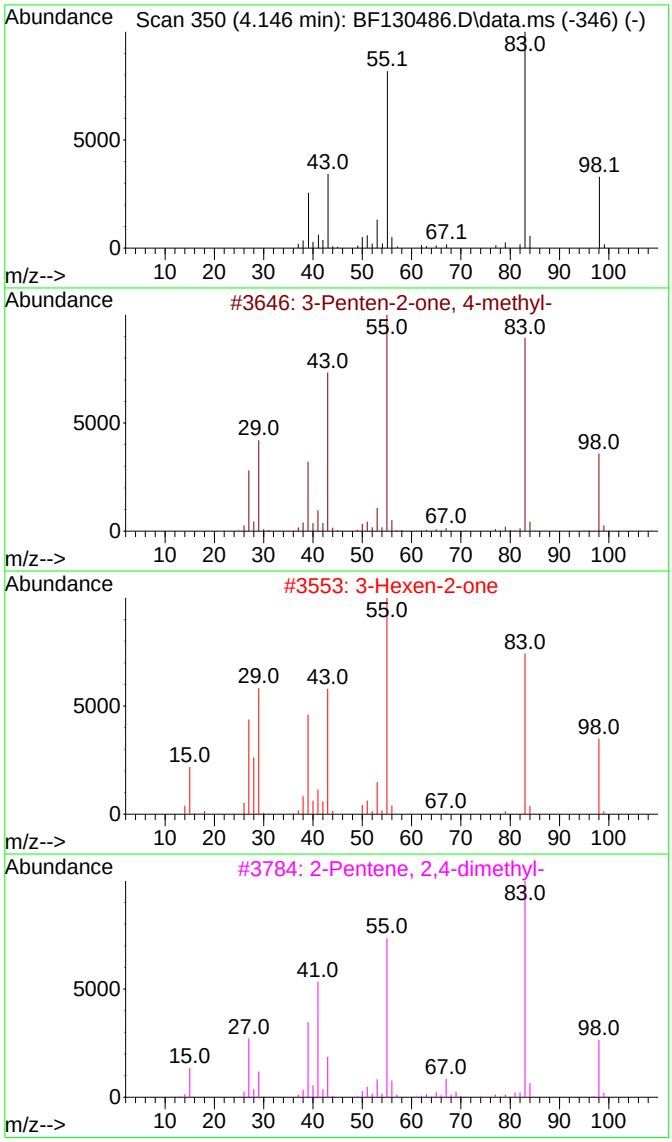
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

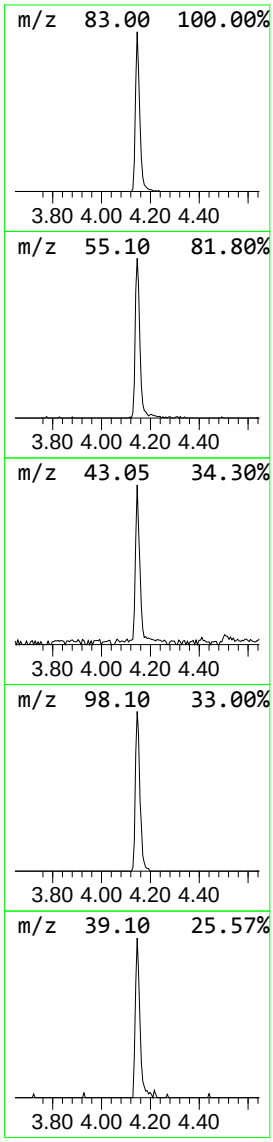
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.146	4.05 ng	122414	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130486.D
Acq On : 30 Sep 2022 16:11
Operator : CG\JU
Sample : N4912-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

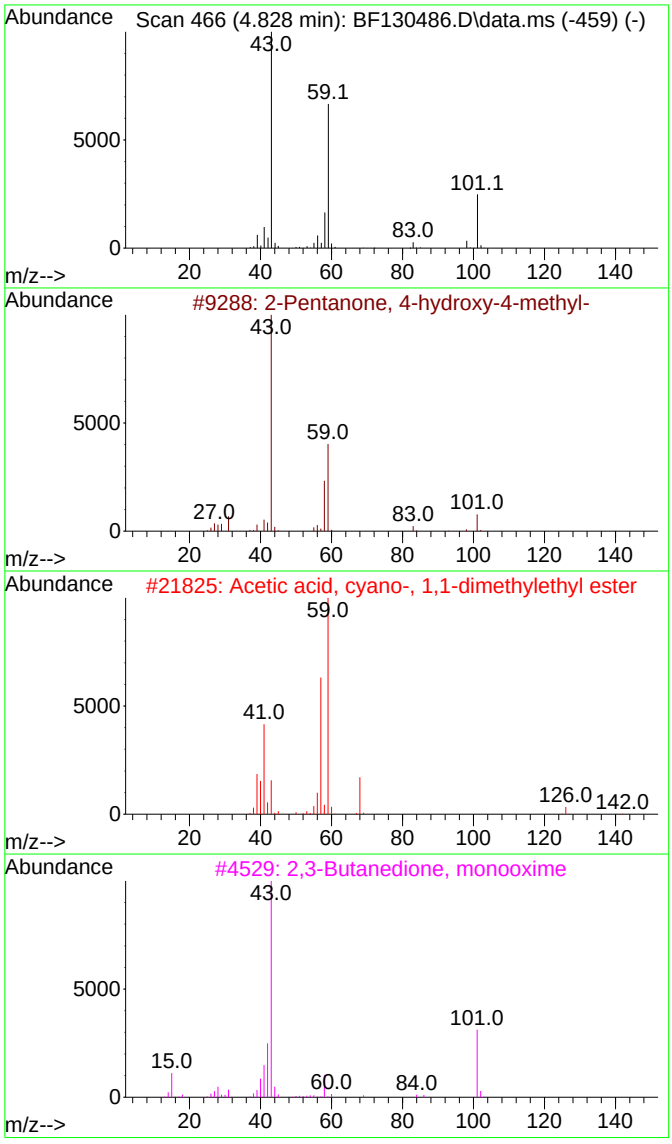
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

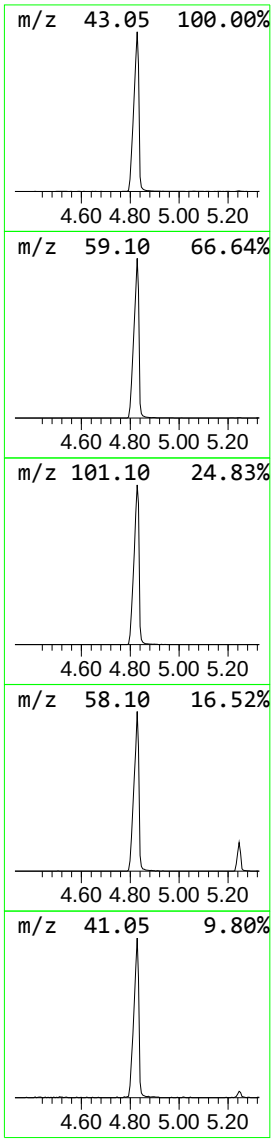
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.828	63.85 ng	1929100	1,4-Dichlorobenzene-d4	6.634

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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130486.D
Acq On : 30 Sep 2022 16:11
Operator : CG\JU
Sample : N4912-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

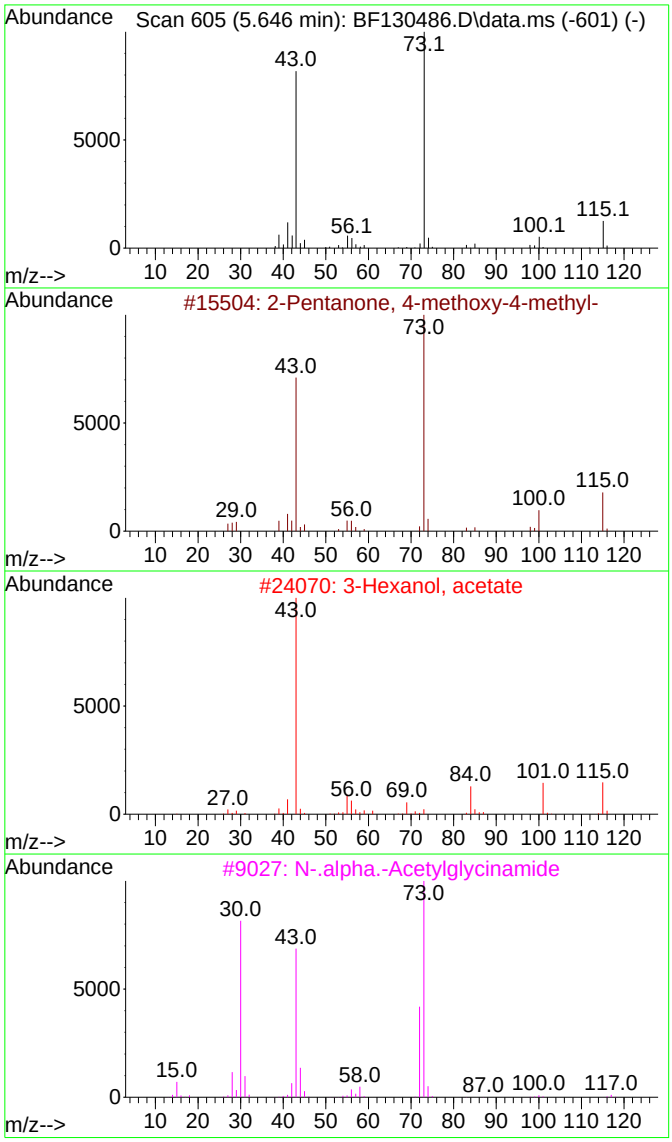
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

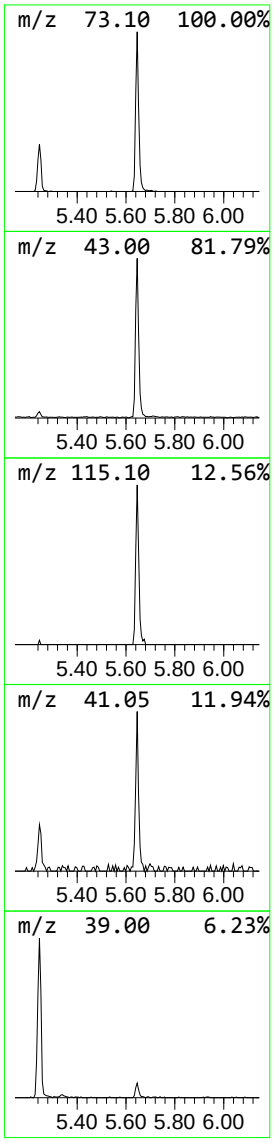
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.646	4.55 ng	137562	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	3-Hexanol, acetate	144	C8H16O2	040780-64-1	32
3	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	28
4	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130486.D
Acq On : 30 Sep 2022 16:11
Operator : CG\JU
Sample : N4912-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

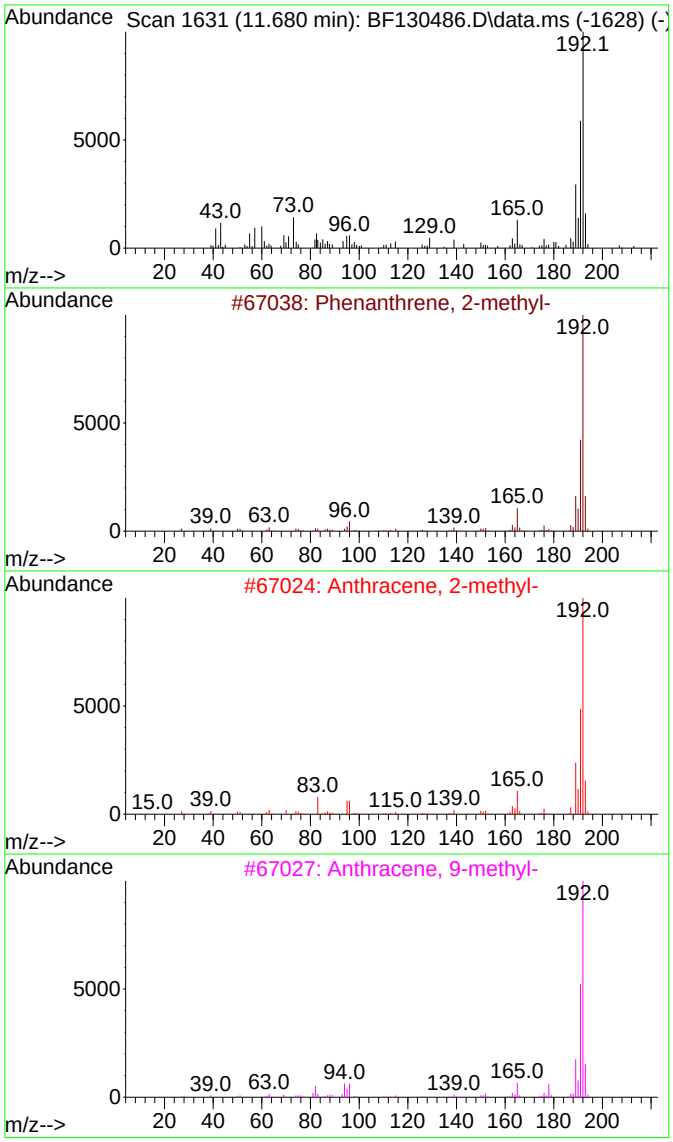
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

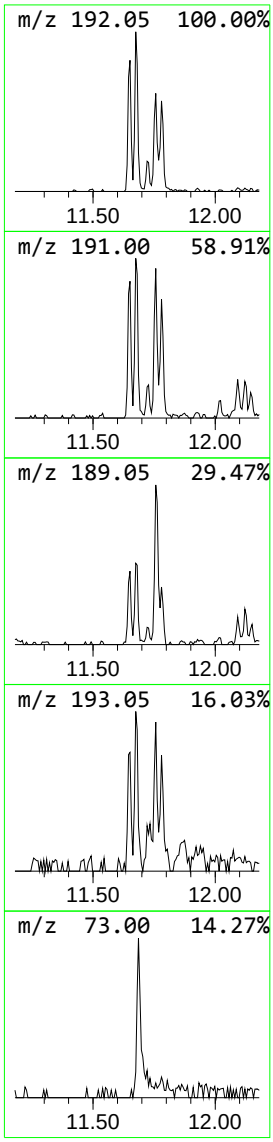
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.680	2.41 ng	87157	Phenanthrene-d10	11.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130486.D
Acq On : 30 Sep 2022 16:11
Operator : CG\JU
Sample : N4912-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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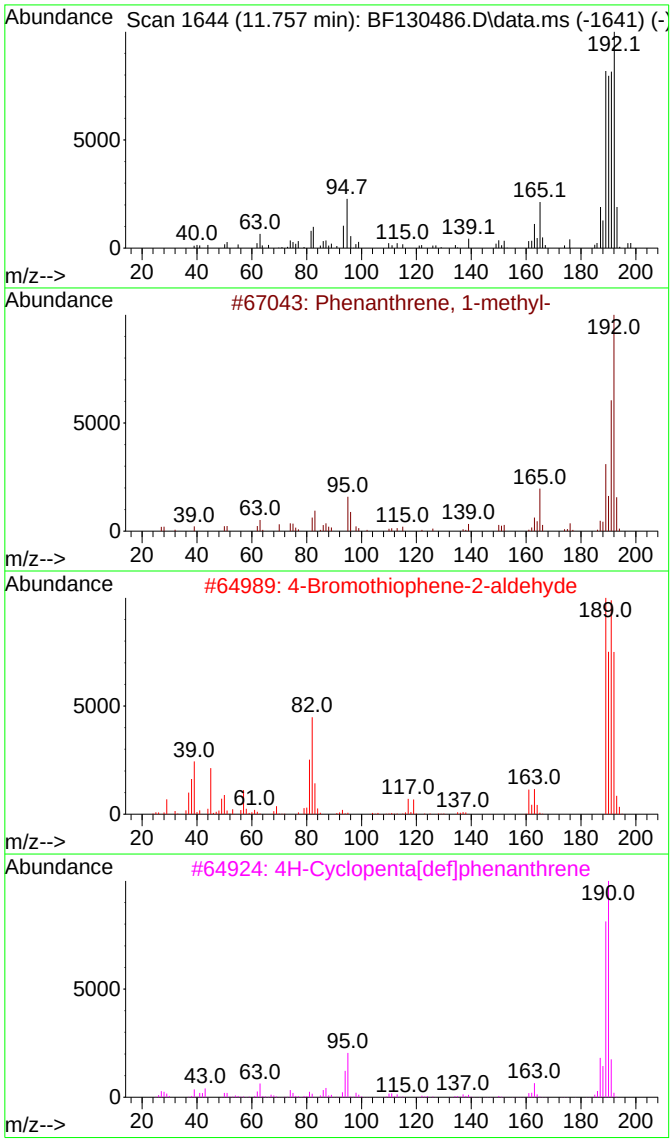
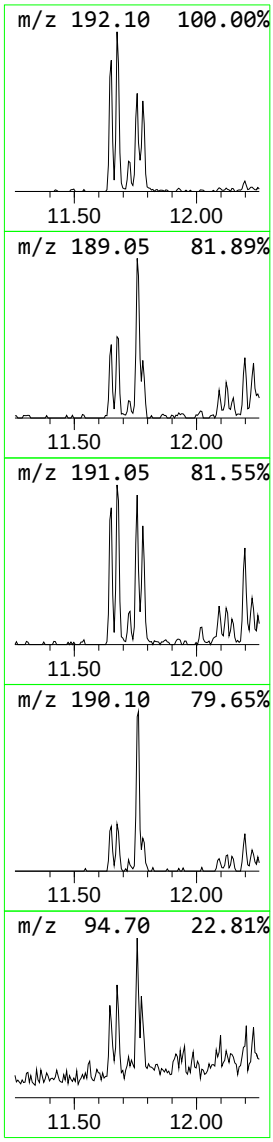
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	2.04 ng	74009	Phenanthrene-d10	11.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	49
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130486.D
Acq On : 30 Sep 2022 16:11
Operator : CG\JU
Sample : N4912-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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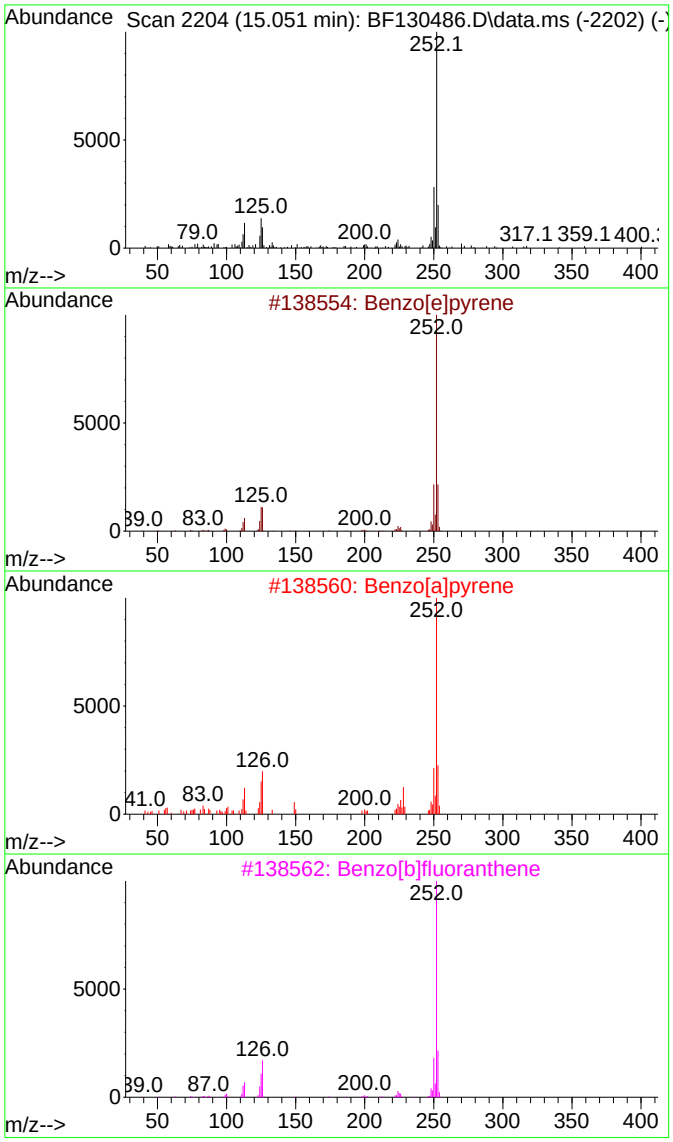
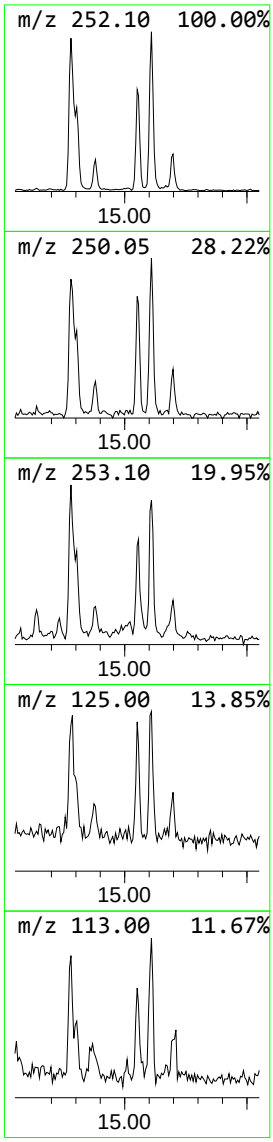
Peak Number 6 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.051	2.89 ng	89600	Perylene-d12	15.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130486.D
Acq On : 30 Sep 2022 16:11
Operator : CG\JU
Sample : N4912-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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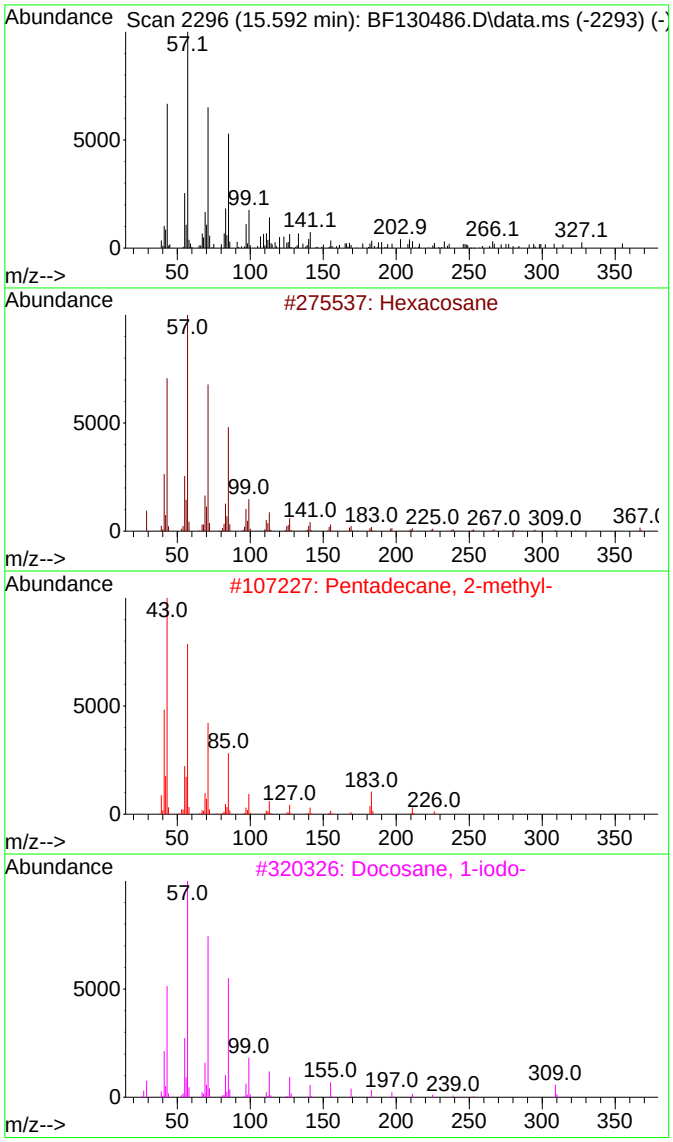
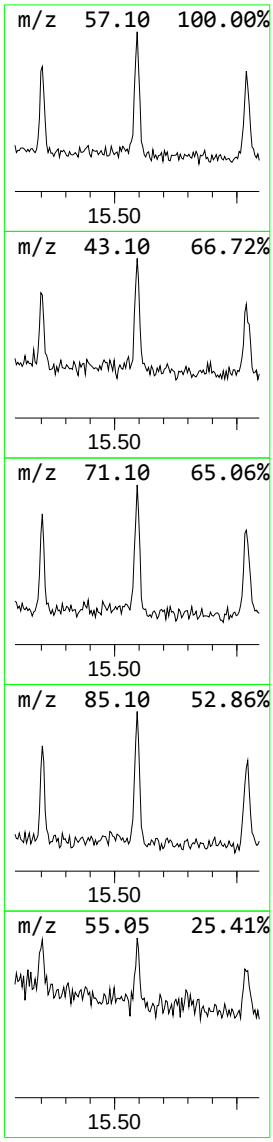
Peak Number 7 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.592	3.07 ng	95219	Perylene-d12	15.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	87
3	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130486.D
Acq On : 30 Sep 2022 16:11
Operator : CG\JU
Sample : N4912-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

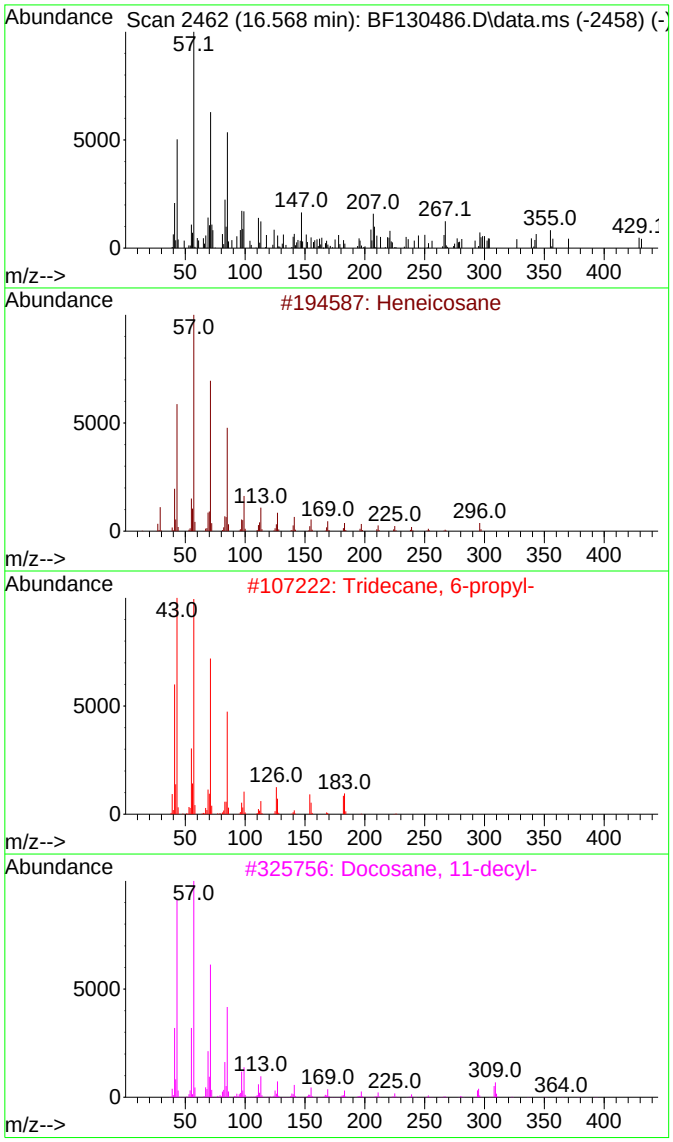
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

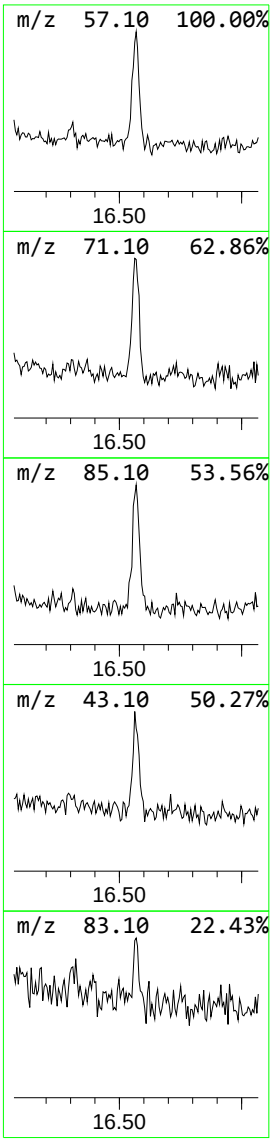
****

Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.568	2.88 ng	89252	Perylene-d12	15.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	60
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	53
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	49
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	49
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130486.D
Acq On : 30 Sep 2022 16:11
Operator : CG\JU
Sample : N4912-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-211

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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
3-Penten-2-one,...	4.146	4.0	ng	122414	1	6.634	604244	20.0
2-Pentanone, 4-...	4.828	63.9	ng	1929100	1	6.634	604244	20.0
2-Pentanone, 4-...	5.646	4.5	ng	137562	1	6.634	604244	20.0
Phenanthrene, 2...	11.680	2.4	ng	87157	4	11.145	724023	20.0
Phenanthrene, 1...	11.757	2.0	ng	74009	4	11.145	724023	20.0
Benzo[e]pyrene	15.051	2.9	ng	89600	6	15.168	619729	20.0
Hexacosane	15.592	3.1	ng	95219	6	15.168	619729	20.0
Heneicosane	16.568	2.9	ng	89252	6	15.168	619729	20.0