LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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	2.922	19	23	30	rBV	63681	107911	5.32%	0.390%
2	3.023	36	40	51	rVB	307247	365162	18.01%	1.320%
3	4.934	358	365	374	rBV	232523	316778	15.63%	1.145%
4	5.352	429	436	451	rVB	1001370	1445468	71.30%	5.225%
5	6.922	696	703	713	rBV	978256	1576368	77.76%	5.698%
6	7.258	752	760	771	rBV	953347	1498613	73.92%	5.417%
7	7.699	828	835	844	rVB	295923	462081	22.79%	1.670%
8	8.016	883	889	898	rVB	706559	1155145	56.98%	4.176%
9	8.857	1025	1032	1040	rBV	560662	908167	44.80%	3.283%
10	10.481	1299	1308	1313	rBV	345071	586061	28.91%	2.119%
11	10.528	1313	1316	1322	rVB	67094	100077	4.94%	0.362%
12	12.146	1586	1591	1597	rVB	33104	53809	2.65%	0.195%
13	12.369	1623	1629	1636	rVB	24856	40577	2.00%	0.147%
14	12.963	1722	1730	1739	rVB	1195834	1736213	85.64%	6.276%
15	13.169	1761	1765	1772	rVB2	12545	22381	1.10%	0.081%
16	13.663	1844	1849	1854	rBV2	18727	34711	1.71%	0.125%
17	13.716	1854	1858	1864	rVB2	14401	21579	1.06%	0.078%
18	13.828	1872	1877	1882	rBV	61030	84413	4.16%	0.305%
19	13.898	1885	1889	1899	rVB5	12192	27731	1.37%	0.100%
20	14.063	1905	1917	1922	rBV	31292	66572	3.28%	0.241%
21	14.228	1938	1945	1951	rBV2	14533	32230	1.59%	0.117%
22	14.340	1958	1964	1970	rBV	487577	705651	34.81%	2.551%
23	14.404	1970	1975	1980	rVB	106798	145342	7.17%	0.525%
24	14.657	2012	2018	2023	rVB4	11814	21021	1.04%	0.076%
25	14.745	2027	2033	2042	rVB	70084	110176	5.43%	0.398%
26	14.828	2042	2047	2052	rBV5	20948	33638	1.66%	0.122%
27	15.392	2138	2143	2150	rBV	106826	161253	7.95%	0.583%
28	15.698	2190	2195	2199	rBV	32926	44308	2.19%	0.160%
29	15.839	2210	2219	2228	rBV	918146	1327572	65.48%	4.799%
30	15.934	2231	2235	2242	rVB7	12908	26274	1.30%	0.095%
31	16.410	2310	2316	2321	rVV3	20528	40632	2.00%	0.147%
32	16.557	2337	2341	2348	rVB8	15229	22404	1.11%	0.081%
33	16.763	2372	2376	2382	rVB2	26442	43991	2.17%	0.159%
34	16.845	2386	2390	2395	rVV4	25759	52911	2.61%	0.191%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.916	2398	2402	2406	rVB	55199	79552	3.92%	0.288%
36	17.098	2427	2433	2437	rBV	567124	851669	42.01%	3.079%
37	17.139	2437	2440	2447	rVV	1036444	1419161	70.00%	5.130%
38	17.234	2448	2456	2463	rVB	215529	335948	16.57%	1.214%
39	17.304	2463	2468	2473	rBV2	33181	52340	2.58%	0.189%
40	17.510	2496	2503	2509	rBV2	89586	153908	7.59%	0.556%
41	17.639	2521	2525	2529	rVB5	20175	30729	1.52%	0.111%
42	17.975	2578	2582	2586	rBV	112765	149403	7.37%	0.540%
43	18.022	2586	2590	2592	rVV	171592	216608	10.68%	0.783%
44	18.045	2592	2594	2599	rVV	180321	242014	11.94%	0.875%
45	18.098	2600	2603	2608	rVV	94395	126267	6.23%	0.456%
46	18.163	2608	2614	2618	rVV2	188863	333144	16.43%	1.204%
47	18.198	2618	2620	2627	rVB2	83848	105534	5.21%	0.381%
48	18.463	2661	2665	2669	rBV	103194	139523	6.88%	0.504%
49	18.498	2669	2671	2676	rVB	67950	80023	3.95%	0.289%
50	18.710	2703	2707	2710	rBV5	33201	44452	2.19%	0.161%
51	18.869	2730	2734	2740	rBV3	67807	111852	5.52%	0.404%
52	19.004	2753	2757	2765	rBV4	54368	97786	4.82%	0.353%
53	19.122	2772	2777	2783	rBV	1407350	1838794	90.70%	6.647%
54	19.475	2828	2837	2841	rBV2	1205576	2027334	100.00%	7.329%
55	19.651	2864	2867	2868	rBV	78892	77334	3.81%	0.280%
56	19.686	2868	2873	2877	rVV	1624461	2011166	99.20%	7.270%
57	19.957	2917	2919	2926	rVB	160420	191644	9.45%	0.693%
58	20.057	2933	2936	2940	rBV	129772	156278	7.71%	0.565%
59	20.110	2942	2945	2950	rVB2	120332	180508	8.90%	0.653%
60	20.951	3085	3088	3092	rBV4	338978	377478	18.62%	1.365%
61	21.192	3124	3129	3134	rBV3	876572	1752314	86.43%	6.334%
62	21.233	3134	3136	3143	rVB	567577	684802	33.78%	2.475%
63	22.316	3317	3320	3324	rVB	337348	418884	20.66%	1.514%

Sum of corrected areas: 27663669

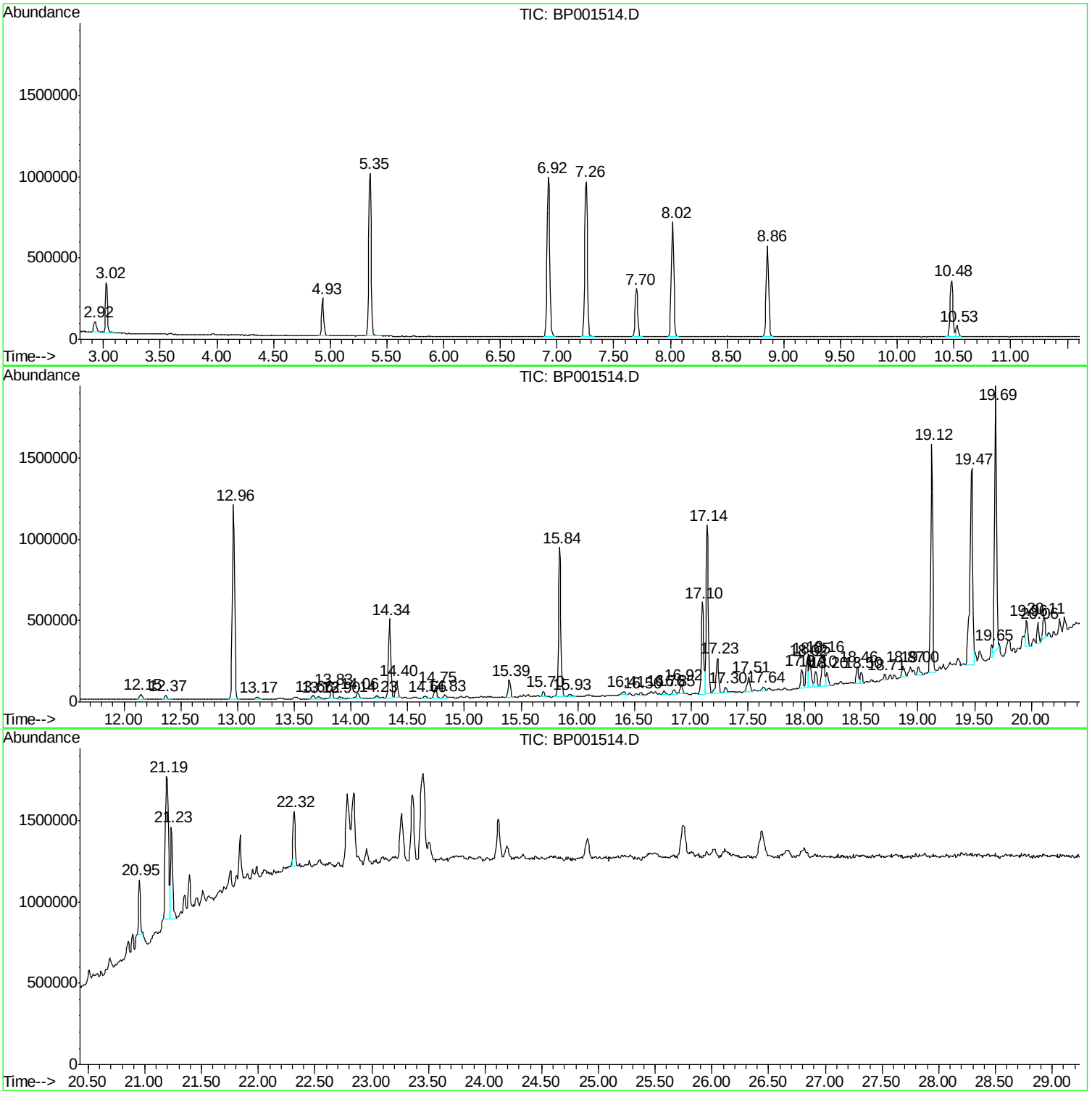
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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 P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

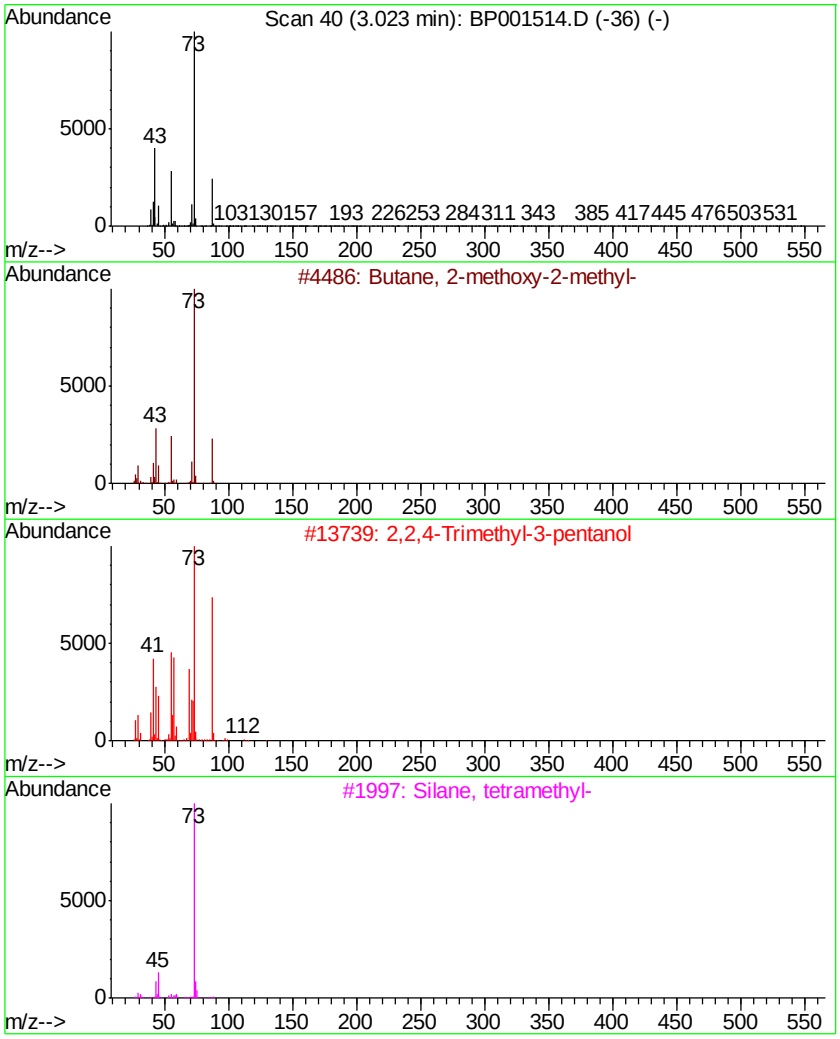
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

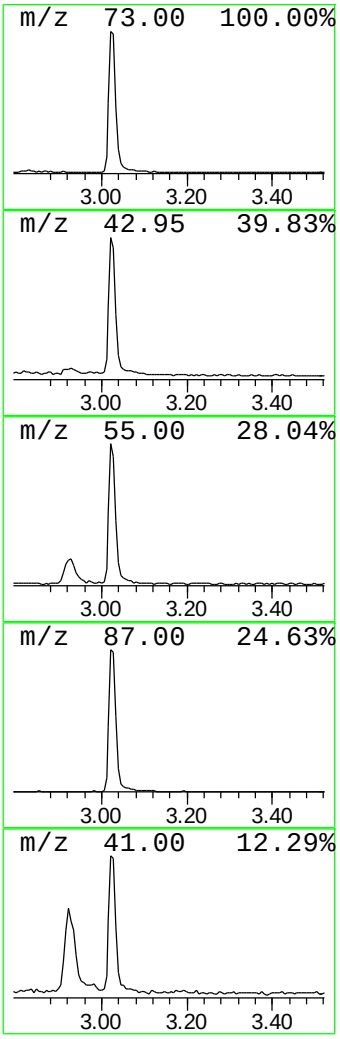
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	15.81 ng	365162	1,4-Dichlorobenzene-d4	7.70

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	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

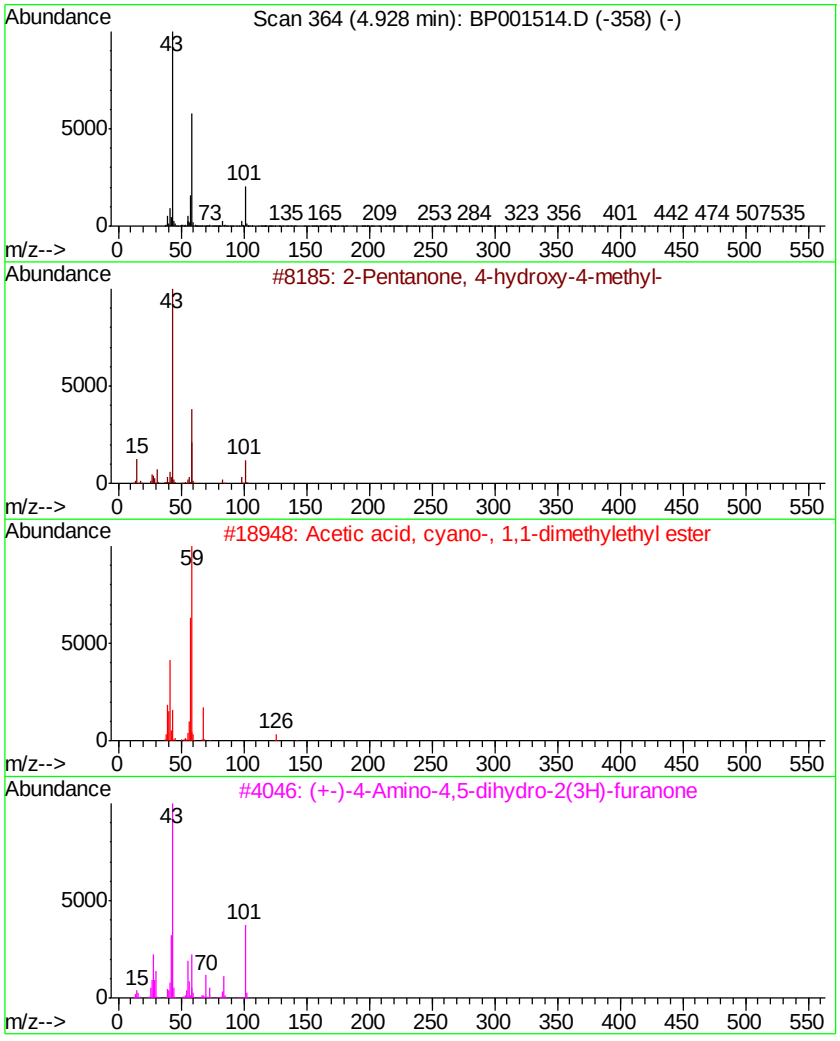
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

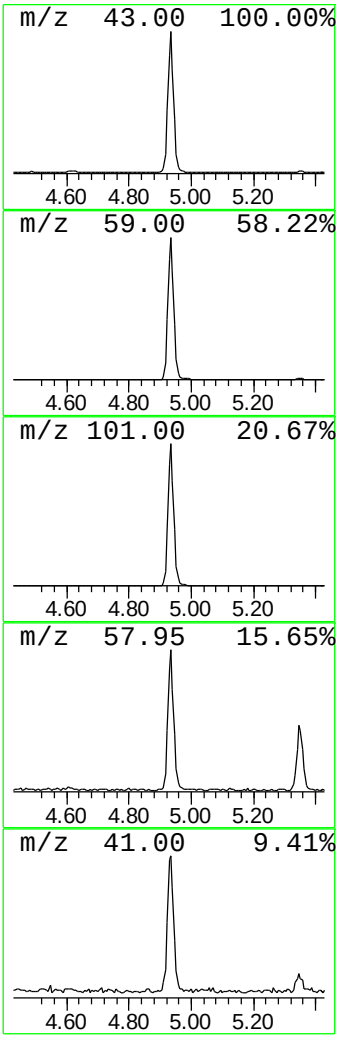
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	13.71 ng	316778	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

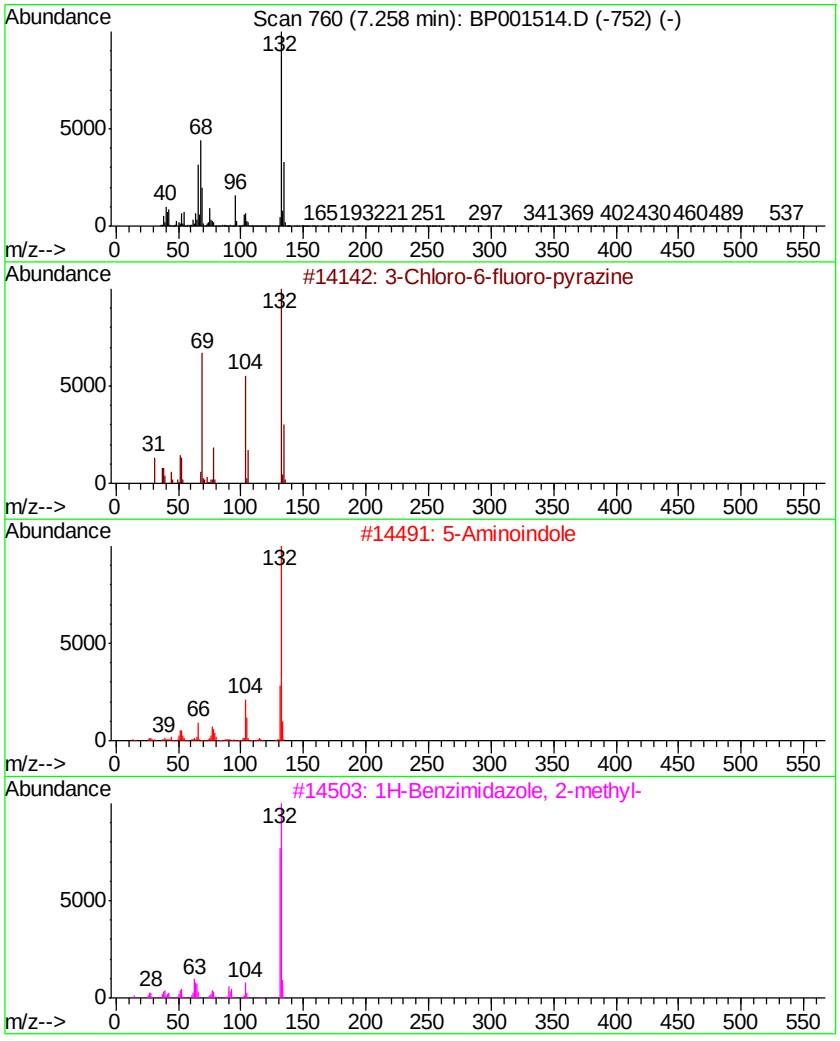
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

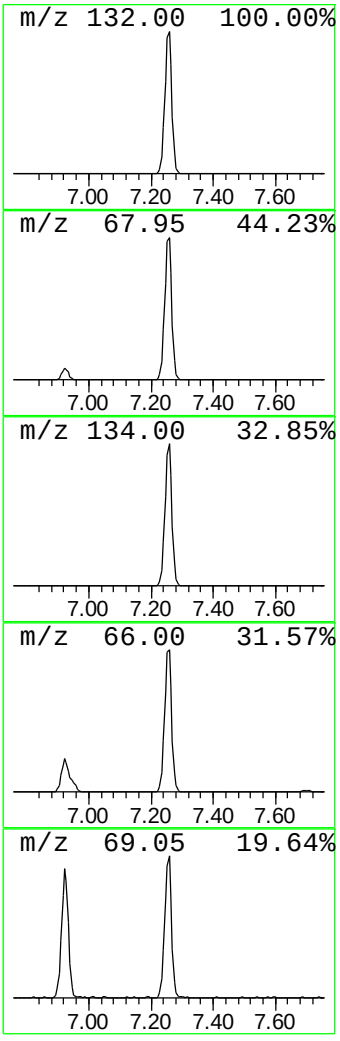
****

Peak Number 4 unknown7.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	64.86 ng	1498610	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

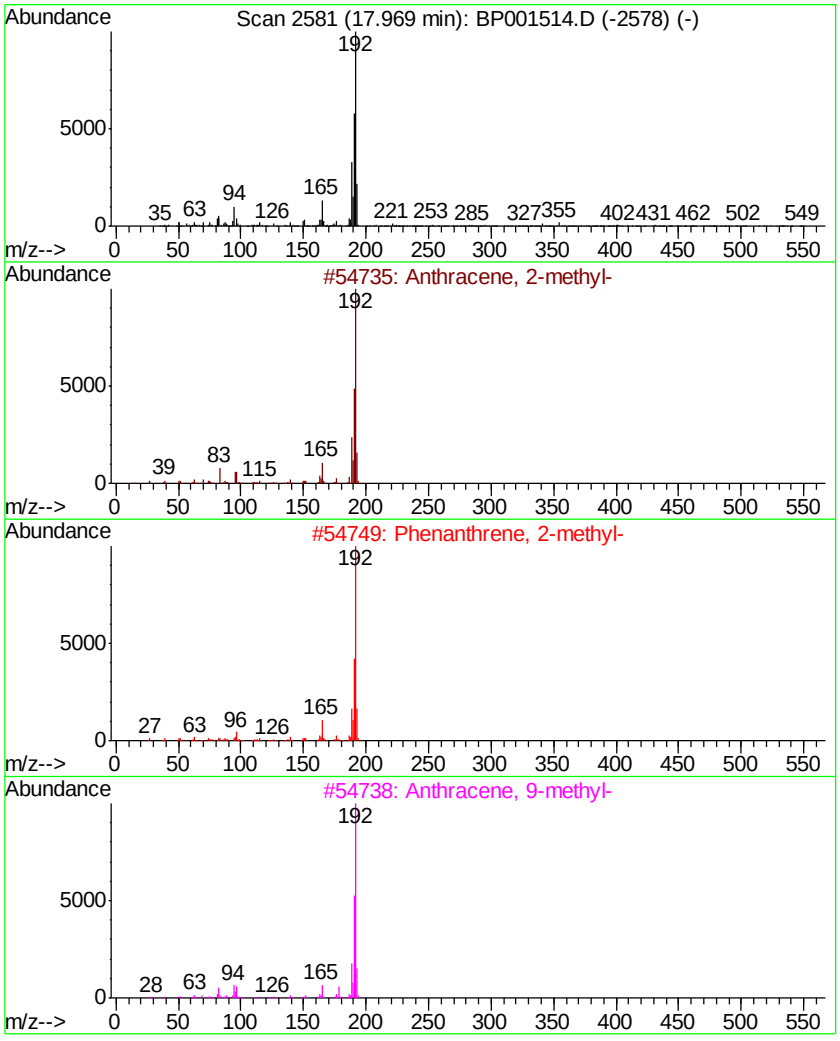
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

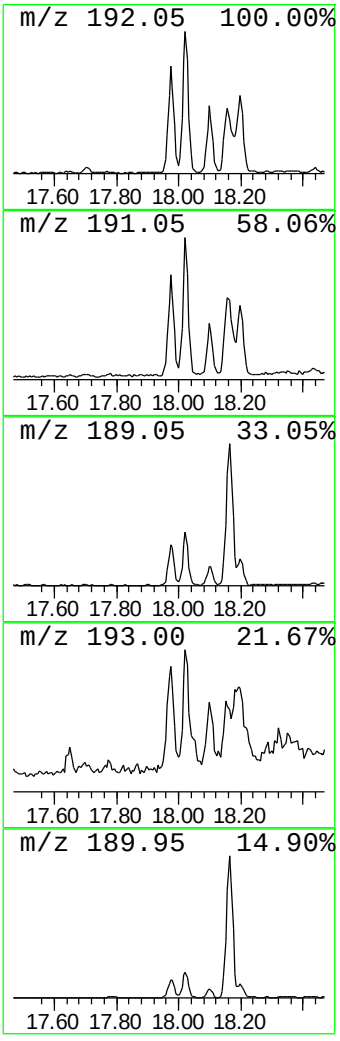
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.51 ng	149403	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

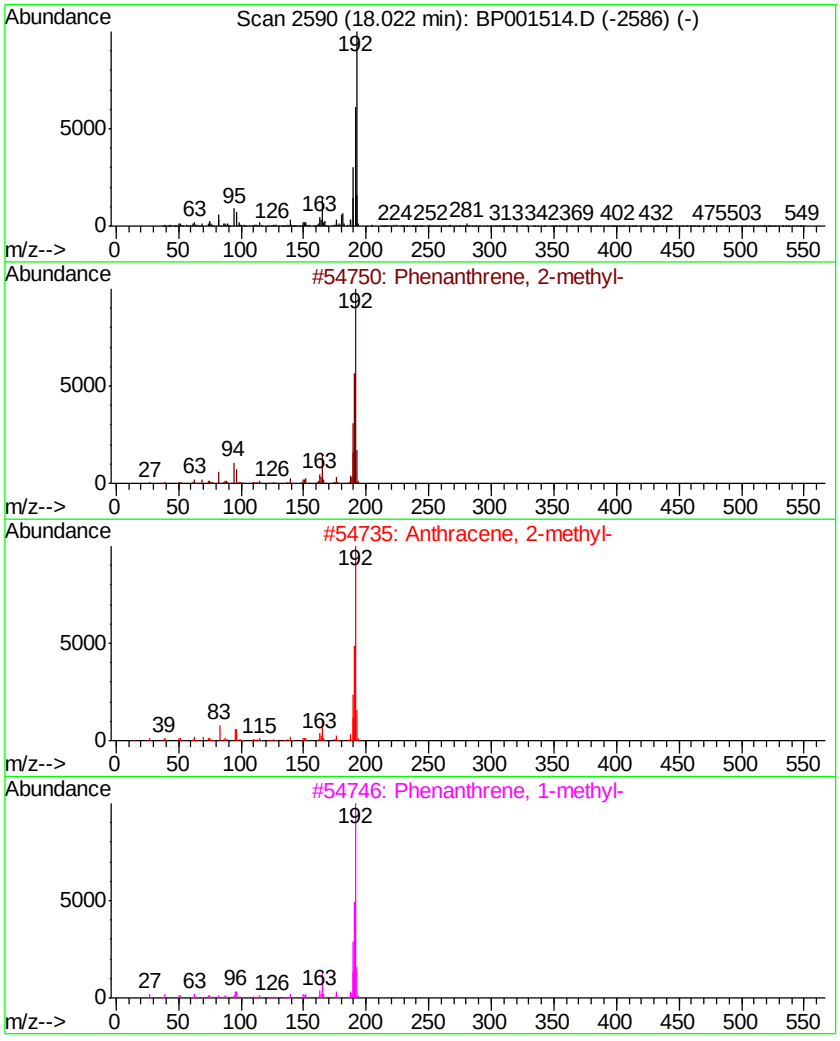
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

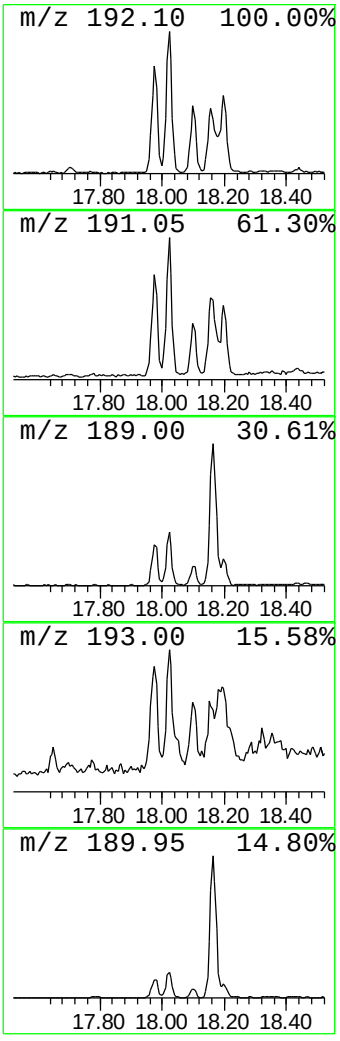
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	5.09 ng	216608	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

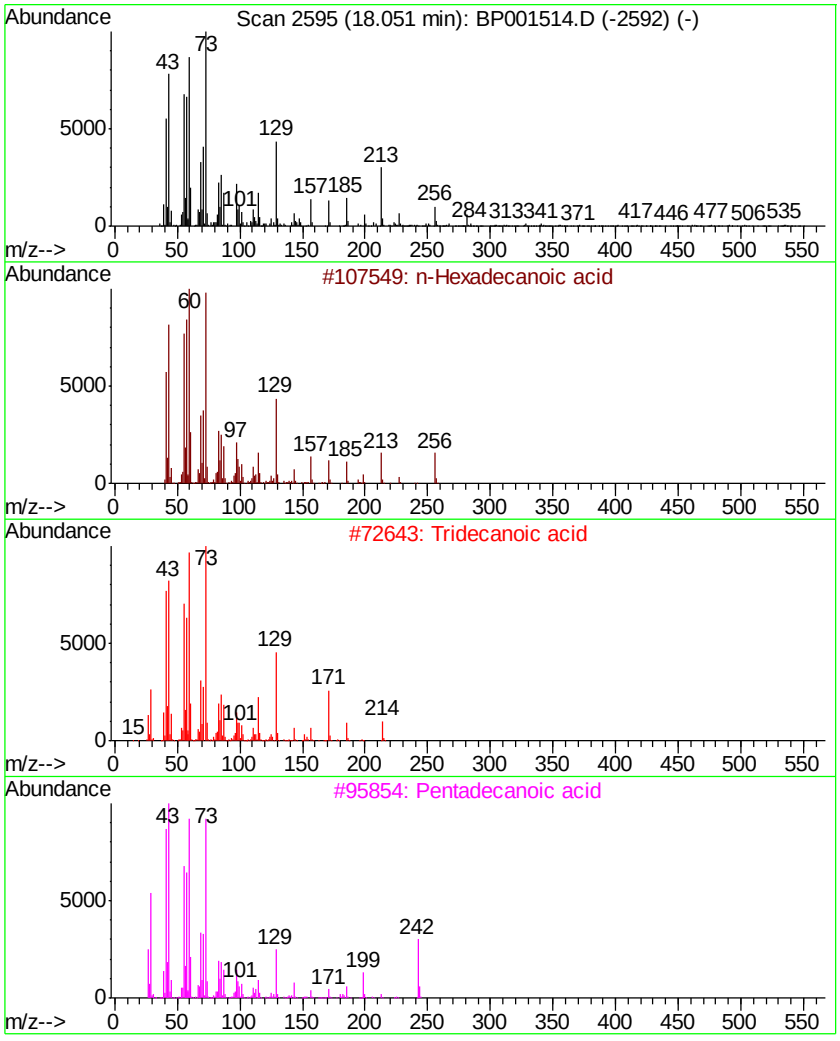
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

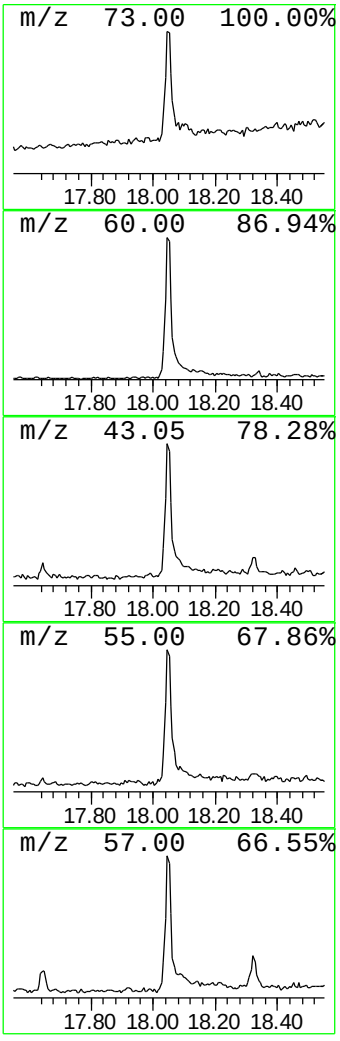
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	5.68 ng	242014	Phenanthrene-d10	17.10

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Undecanoic acid	186	C11H22O2	000112-37-8	74
5	Octadecanoic acid	284	C18H36O2	000057-11-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

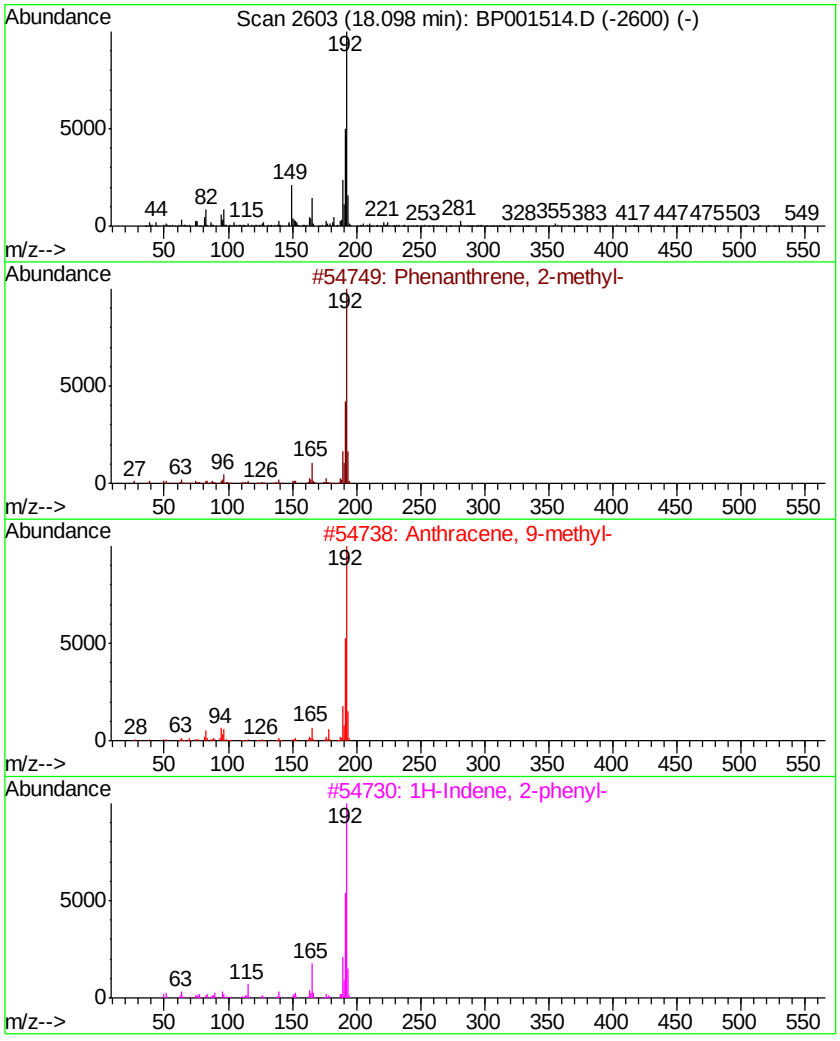
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

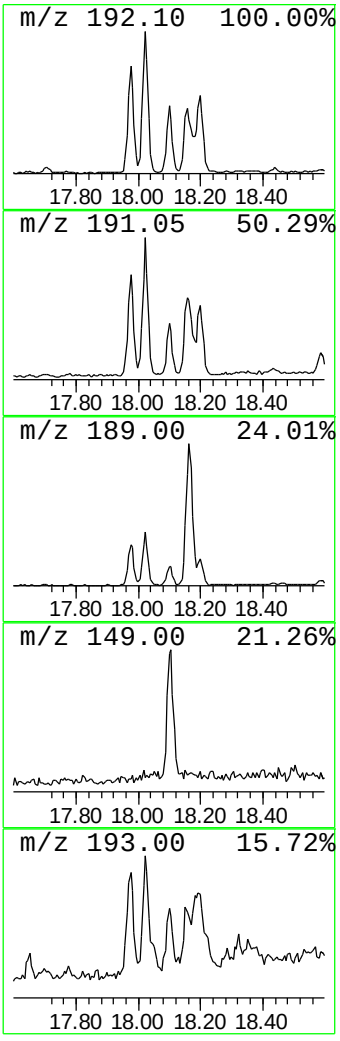
****

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.97 ng	126267	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

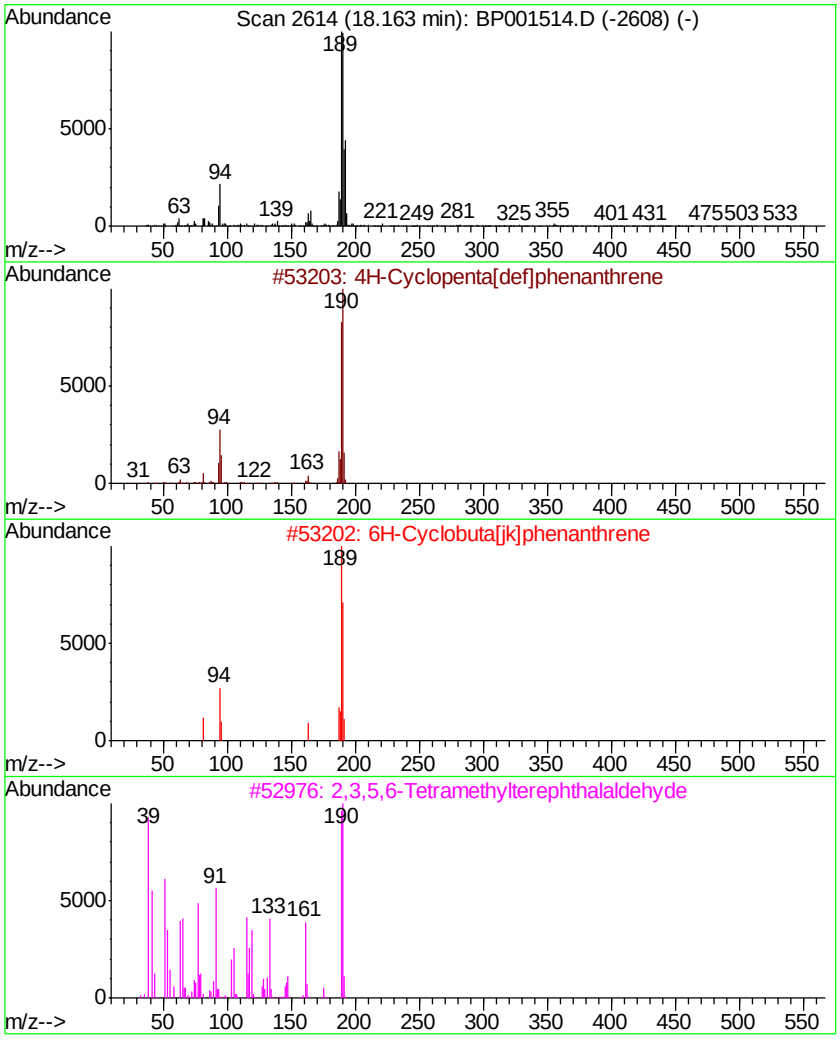
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

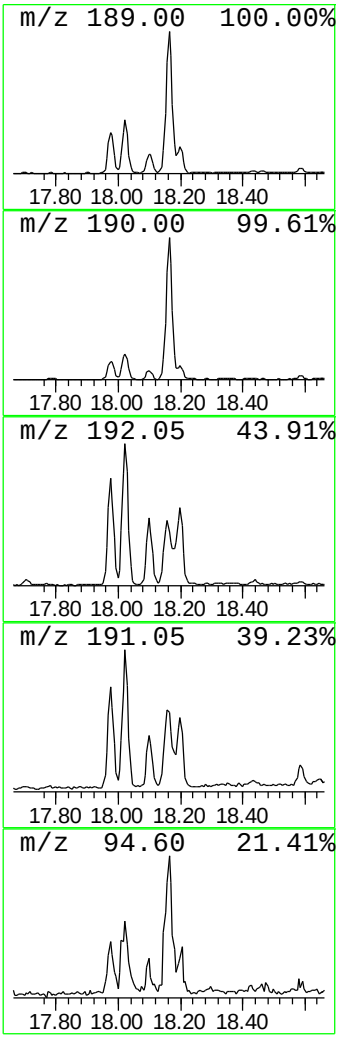
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	7.82 ng	333144	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

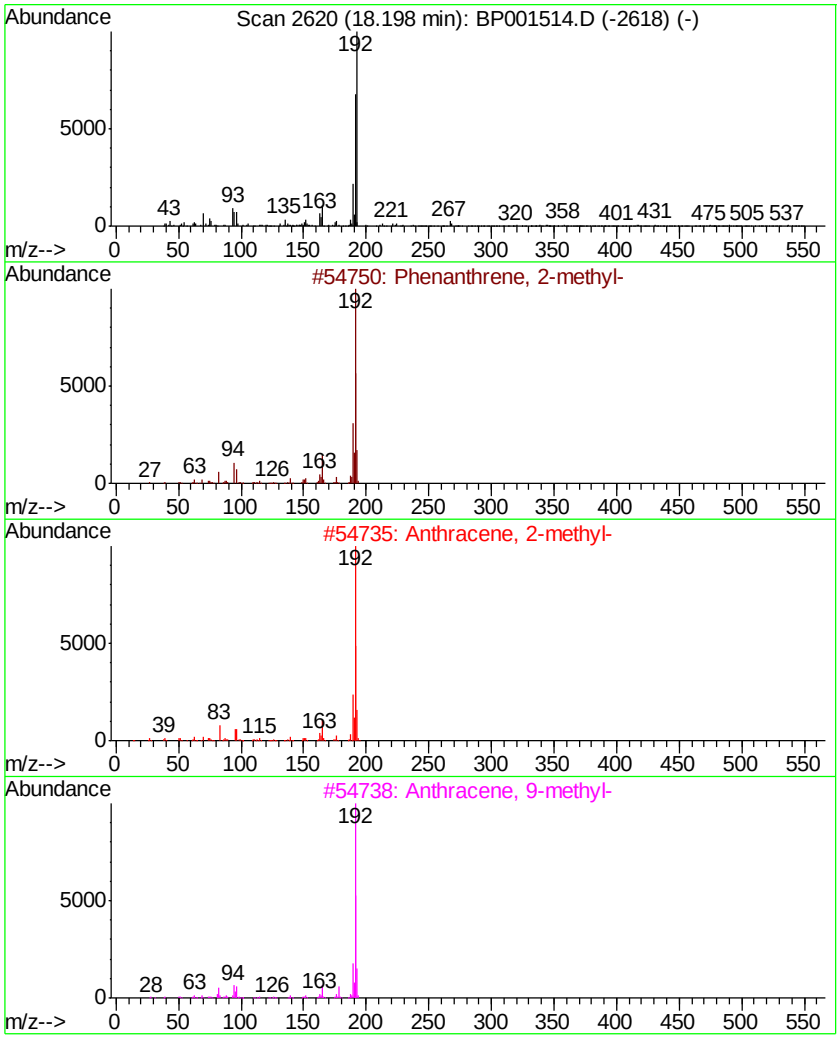
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

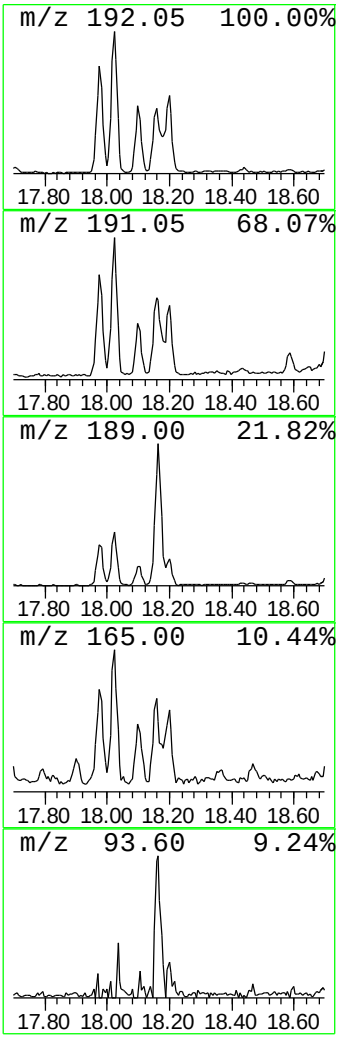
****

Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.48 ng	105534	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

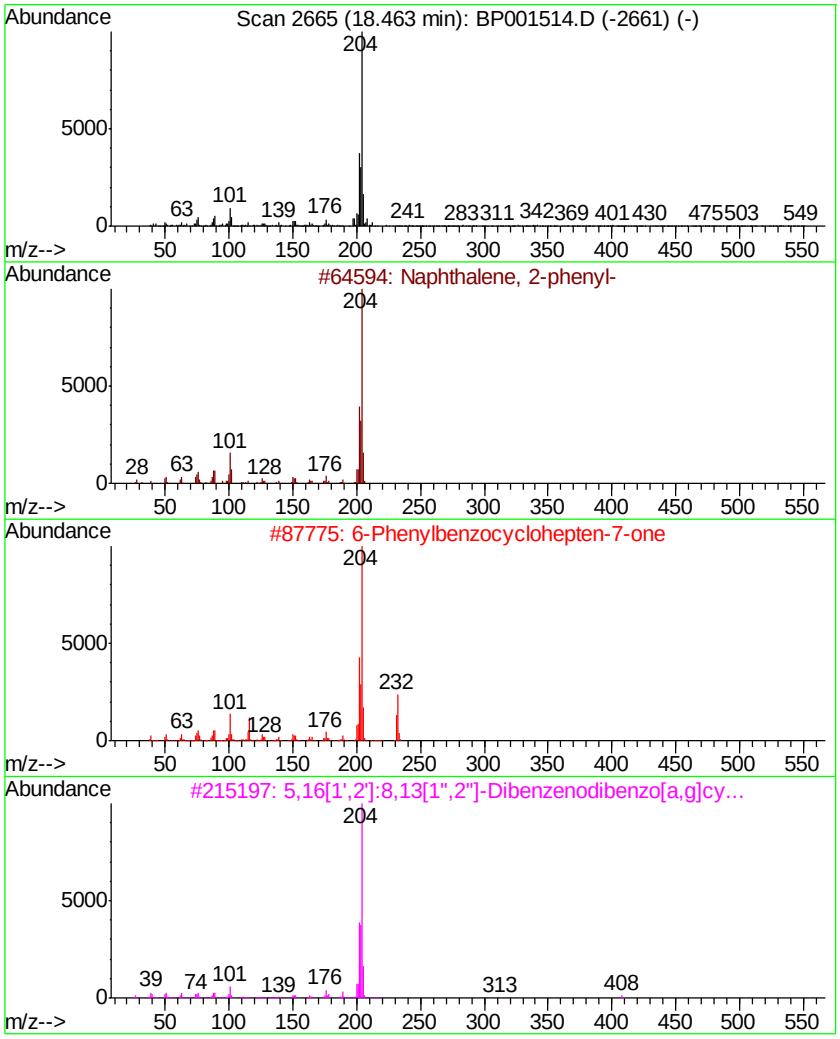
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

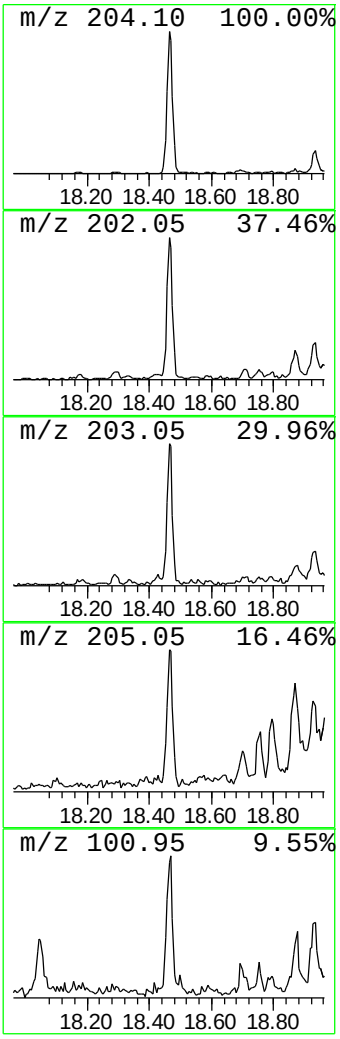
****

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	3.28 ng	139523	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	60
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

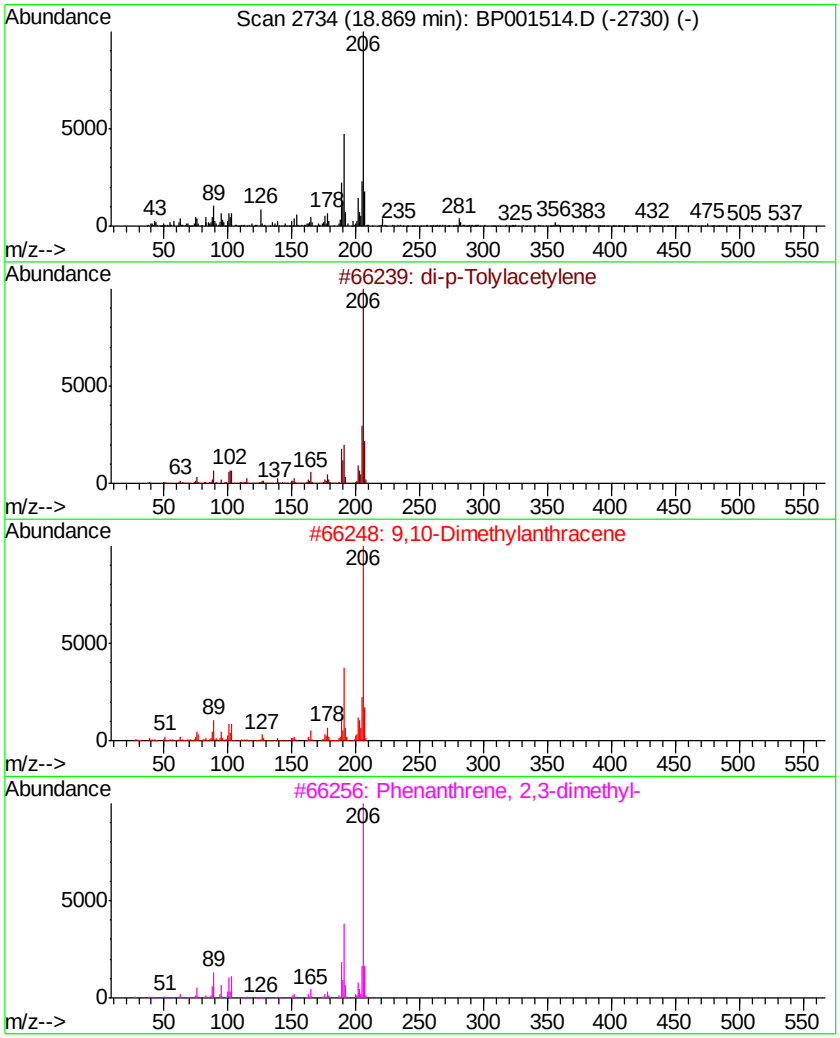
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

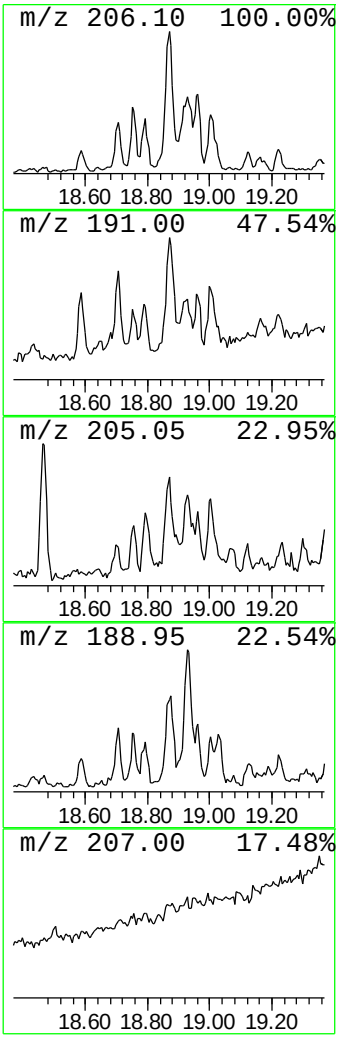
****

Peak Number 13 di-p-Tolylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.63 ng	111852	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

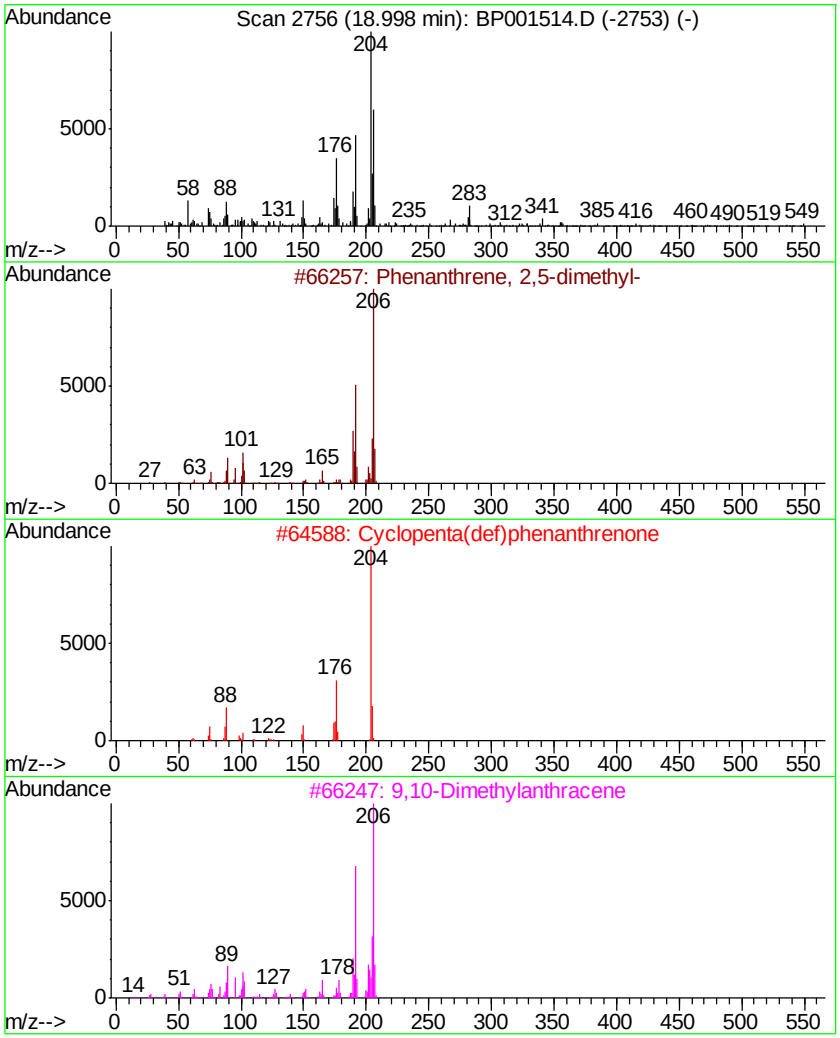
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

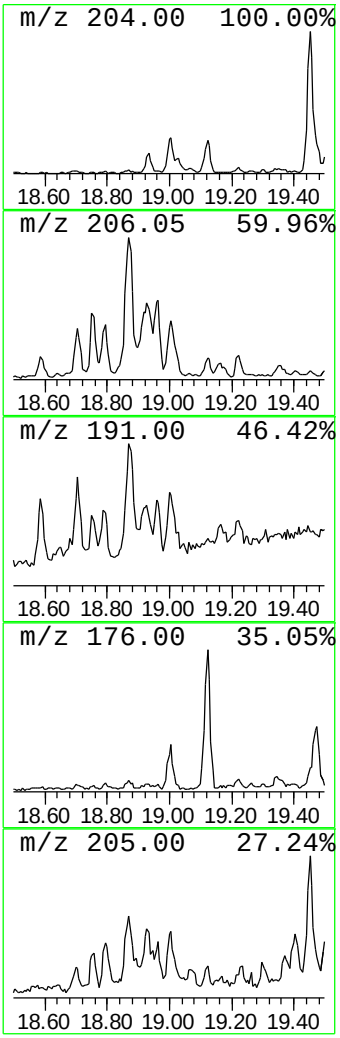
****

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	2.30 ng	97786	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	59
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	50
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	42
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

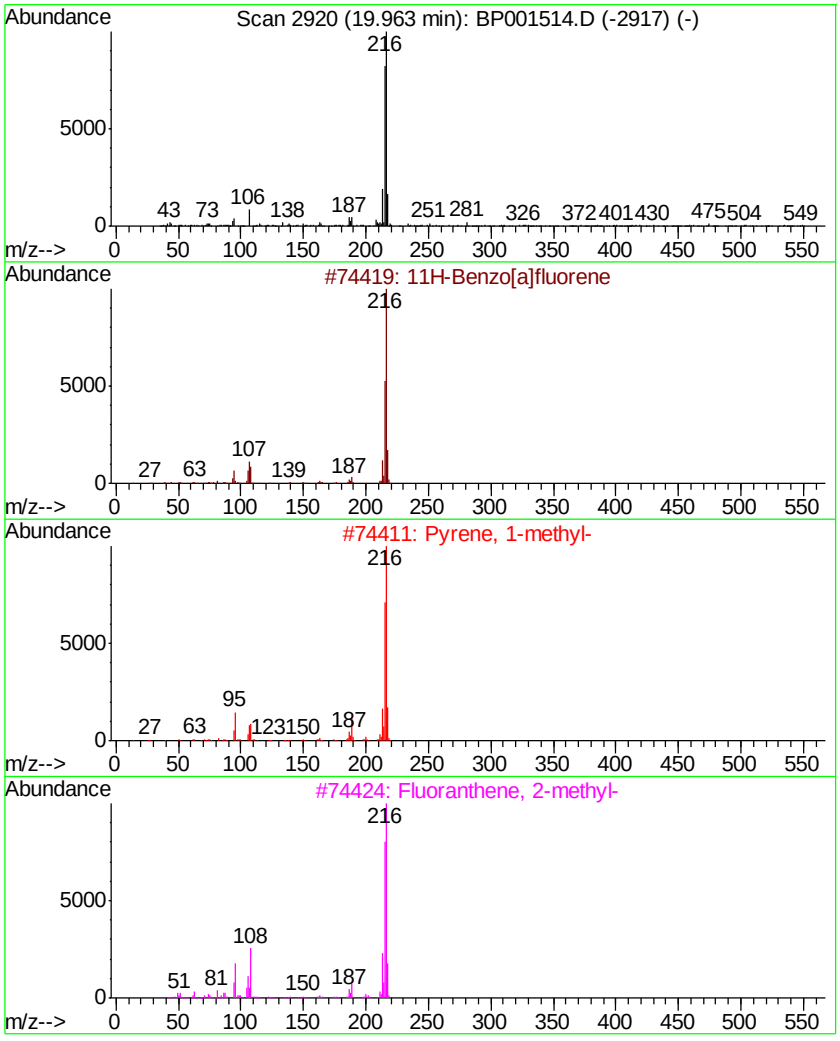
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

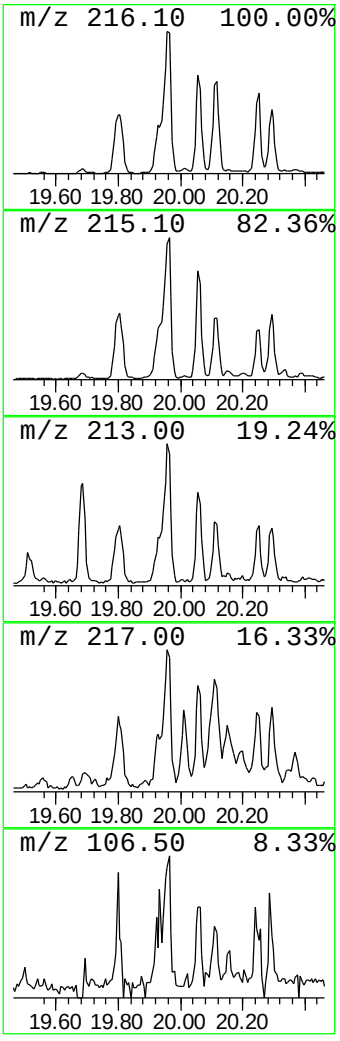
****

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.19 ng	191644	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

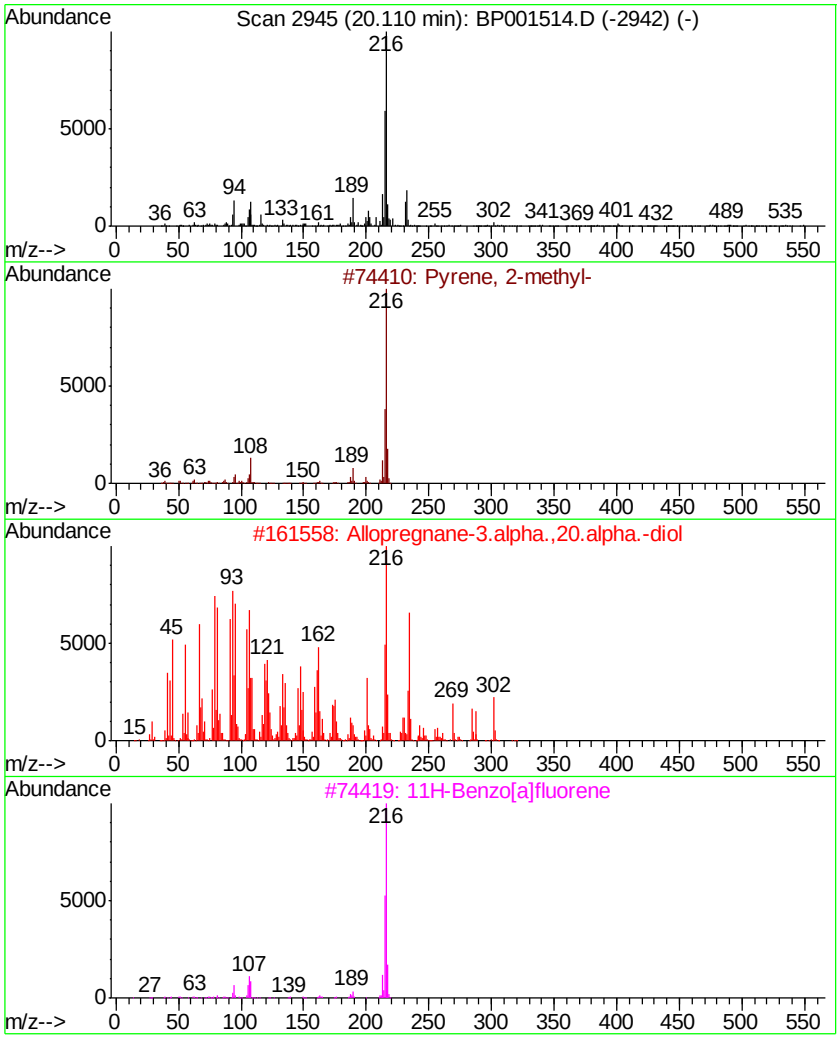
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

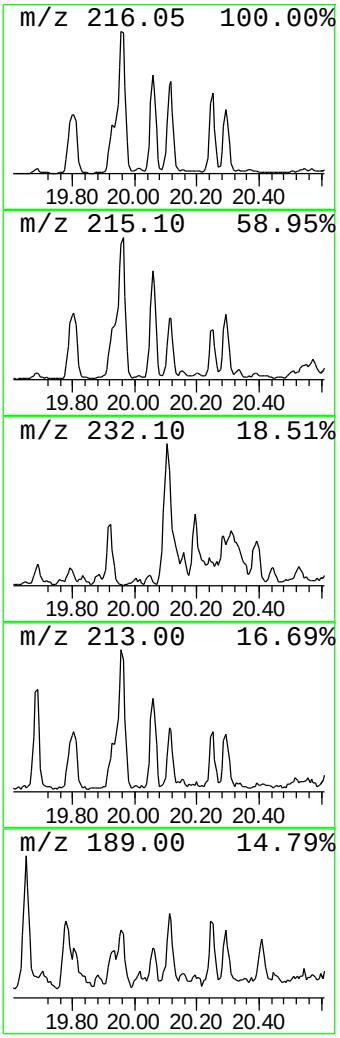
****

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.06 ng	180508	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
2	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	70
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

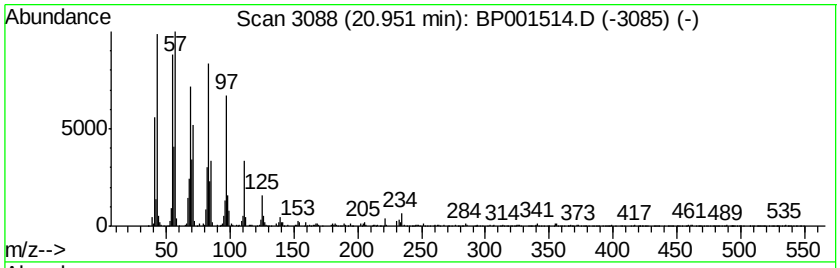
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

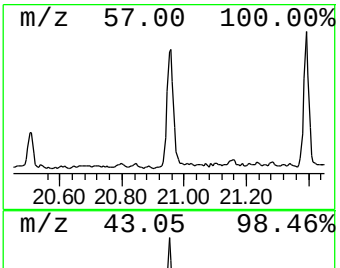
****

Peak Number 17 Cyclooctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	4.31 ng	377478	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	1-Tricosene	322	C23H46	018835-32-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

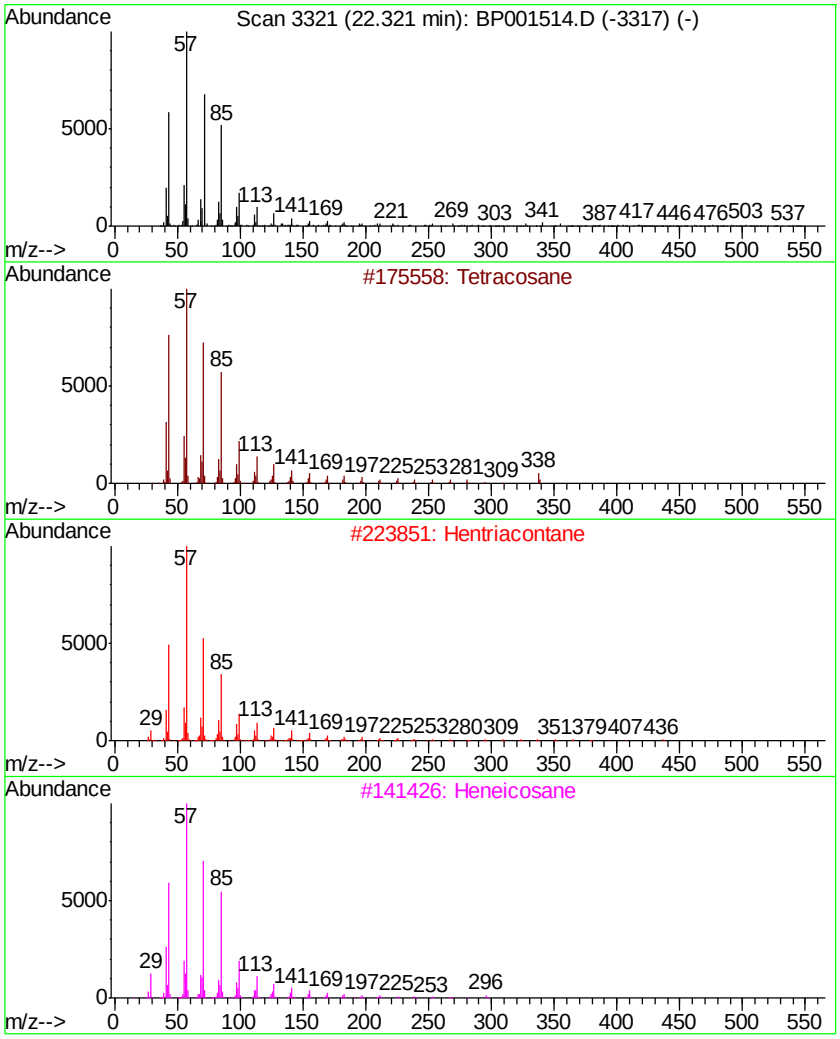
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

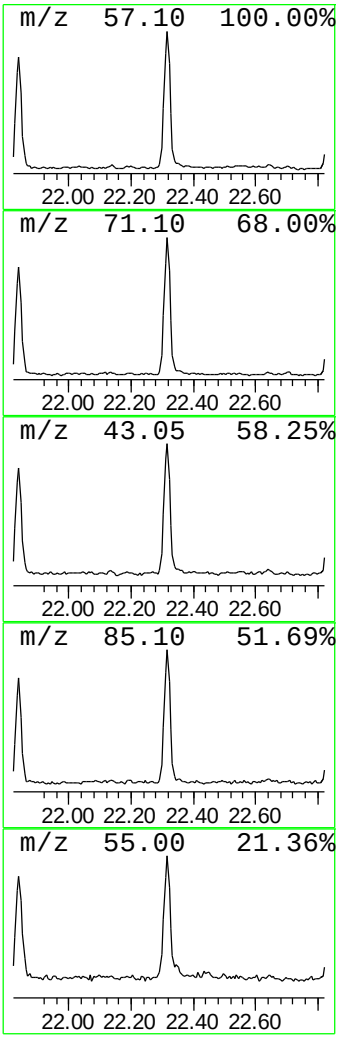
****

Peak Number 18 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	4.78 ng	418884	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Hentriacontane	437	C31H64	000630-04-6	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Nonadecane	268	C19H40	000629-92-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010320\
Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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...	3.02	15.8	ng	365162	1	7.70	462081	20.0
2-Pentanone, 4-hy...	4.93	13.7	ng	316778	1	7.70	462081	20.0
unknown7.26	7.26	64.9	ng	1498610	1	7.70	462081	20.0
Anthracene, 2-met...	17.97	3.5	ng	149403	4	17.10	851669	20.0
Phenanthrene, 2-m...	18.02	5.1	ng	216608	4	17.10	851669	20.0
n-Hexadecanoic acid	18.05	5.7	ng	242014	4	17.10	851669	20.0
Anthracene, 9-met...	18.10	3.0	ng	126267	4	17.10	851669	20.0
4H-Cyclopenta[def...	18.16	7.8	ng	333144	4	17.10	851669	20.0
Phenanthrene, 4-m...	18.20	2.5	ng	105534	4	17.10	851669	20.0
Naphthalene, 2-ph...	18.46	3.3	ng	139523	4	17.10	851669	20.0
di-p-Tolylacetylene	18.87	2.6	ng	111852	4	17.10	851669	20.0
Phenanthrene, 2,5...	19.00	2.3	ng	97786	4	17.10	851669	20.0
11H-Benzo[a]fluorene	19.96	2.2	ng	191644	5	21.20	1752310	20.0
Pyrene, 2-methyl-	20.11	2.1	ng	180508	5	21.20	1752310	20.0
Cyclooctacosane	20.95	4.3	ng	377478	5	21.20	1752310	20.0
Tetracosane	22.32	4.8	ng	418884	5	21.20	1752310	20.0