LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000517.D
Acq On : 04 Oct 2019 19:12
Operator : JU
Sample : K5204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200055-RT-1868

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-BP100119.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	5.393	558	562	565	rBV	4028327	3556600	58.33%	6.481%
2	6.405	730	734	748	rBV	3789127	3794671	62.23%	6.915%
3	6.540	753	757	760	rBV	4543001	3905113	64.05%	7.116%
4	6.763	792	795	799	rBV	1603601	1370611	22.48%	2.498%
5	6.922	818	822	825	rBV	4246742	3407361	55.88%	6.209%
6	7.322	886	890	893	rBV	2674486	2368747	38.85%	4.317%
7	8.046	1010	1013	1016	rBV	2021630	1769826	29.03%	3.225%
8	9.128	1193	1197	1200	rBV	6659826	5449990	89.38%	9.931%
9	9.522	1261	1264	1268	rBV	1030823	894914	14.68%	1.631%
10	9.810	1309	1313	1317	rBV	2833655	2269175	37.22%	4.135%
11	9.846	1317	1319	1322	rVB	87132	70084	1.15%	0.128%
12	10.363	1404	1407	1413	rVB	100083	91261	1.50%	0.166%
13	10.604	1444	1448	1463	rBV	3954681	3467751	56.87%	6.319%
14	11.310	1564	1568	1570	rBV	2624904	2478793	40.65%	4.517%
15	11.328	1570	1571	1575	rVV	677307	547656	8.98%	0.998%
16	11.381	1575	1580	1583	rVB	171225	173503	2.85%	0.316%
17	11.540	1602	1607	1610	rBV	68596	69445	1.14%	0.127%
18	11.816	1651	1654	1656	rBV	84229	69585	1.14%	0.127%
19	11.845	1656	1659	1663	rBV2	188334	221786	3.64%	0.404%
20	11.881	1663	1665	1669	rVB2	57337	63849	1.05%	0.116%
21	11.928	1669	1673	1675	rBV	148081	137875	2.26%	0.251%
22	12.534	1773	1776	1780	rVB	1102977	915560	15.02%	1.668%
23	12.763	1809	1815	1818	rBV	933410	920089	15.09%	1.677%
24	12.792	1818	1820	1822	rVV2	88505	71924	1.18%	0.131%
25	12.916	1837	1841	1844	rVB	6364534	6097404	100.00%	11.111%
26	12.987	1849	1853	1857	rBV3	50819	87805	1.44%	0.160%
27	13.098	1869	1872	1875	rVB	136907	131478	2.16%	0.240%
28	13.163	1880	1883	1886	rVB3	122928	108937	1.79%	0.199%
29	13.198	1886	1889	1893	rBV	84348	96713	1.59%	0.176%
30	13.387	1918	1921	1929	rVB7	55094	83191	1.36%	0.152%
31	13.469	1932	1935	1937	rBV	74663	73694	1.21%	0.134%
32	13.610	1957	1959	1965	rVB	79975	90150	1.48%	0.164%
33	13.722	1974	1978	1981	rBV2	91875	121076	1.99%	0.221%
34	13.828	1992	1996	2006	rBV5	496274	805132	13.20%	1.467%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000517.D
Acq On : 04 Oct 2019 19:12
Operator : JU
Sample : K5204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200055-RT-1868

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-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.975	2016	2021	2024	rBV2	2509395	2797506	45.88%	5.098%
36	14.004	2024	2026	2029	rVB	384608	309525	5.08%	0.564%
37	14.157	2049	2052	2056	rBV3	103091	99969	1.64%	0.182%
38	14.404	2092	2094	2098	rVB3	73399	68165	1.12%	0.124%
39	14.463	2101	2104	2108	rBV3	205875	246430	4.04%	0.449%
40	14.628	2128	2132	2136	rBV	197515	290845	4.77%	0.530%
41	14.775	2155	2157	2161	rVB	115826	107050	1.76%	0.195%
42	14.851	2167	2170	2176	rVB2	172712	180835	2.97%	0.330%
43	14.922	2179	2182	2187	rBV4	114010	130155	2.13%	0.237%
44	15.028	2196	2200	2203	rBV	403828	604421	9.91%	1.101%
45	15.122	2212	2216	2226	rVB4	169971	342725	5.62%	0.625%
46	15.328	2248	2251	2258	rVB	235815	295875	4.85%	0.539%
47	15.392	2258	2262	2268	rBV	335413	400416	6.57%	0.730%
48	15.457	2268	2273	2277	rBV	1942860	2358112	38.67%	4.297%
49	15.945	2352	2356	2361	rBV	196941	286525	4.70%	0.522%
50	16.922	2518	2522	2529	rVB2	159813	276884	4.54%	0.505%
51	17.357	2592	2596	2613	rVB	130359	299360	4.91%	0.546%

Sum of corrected areas: 54876547

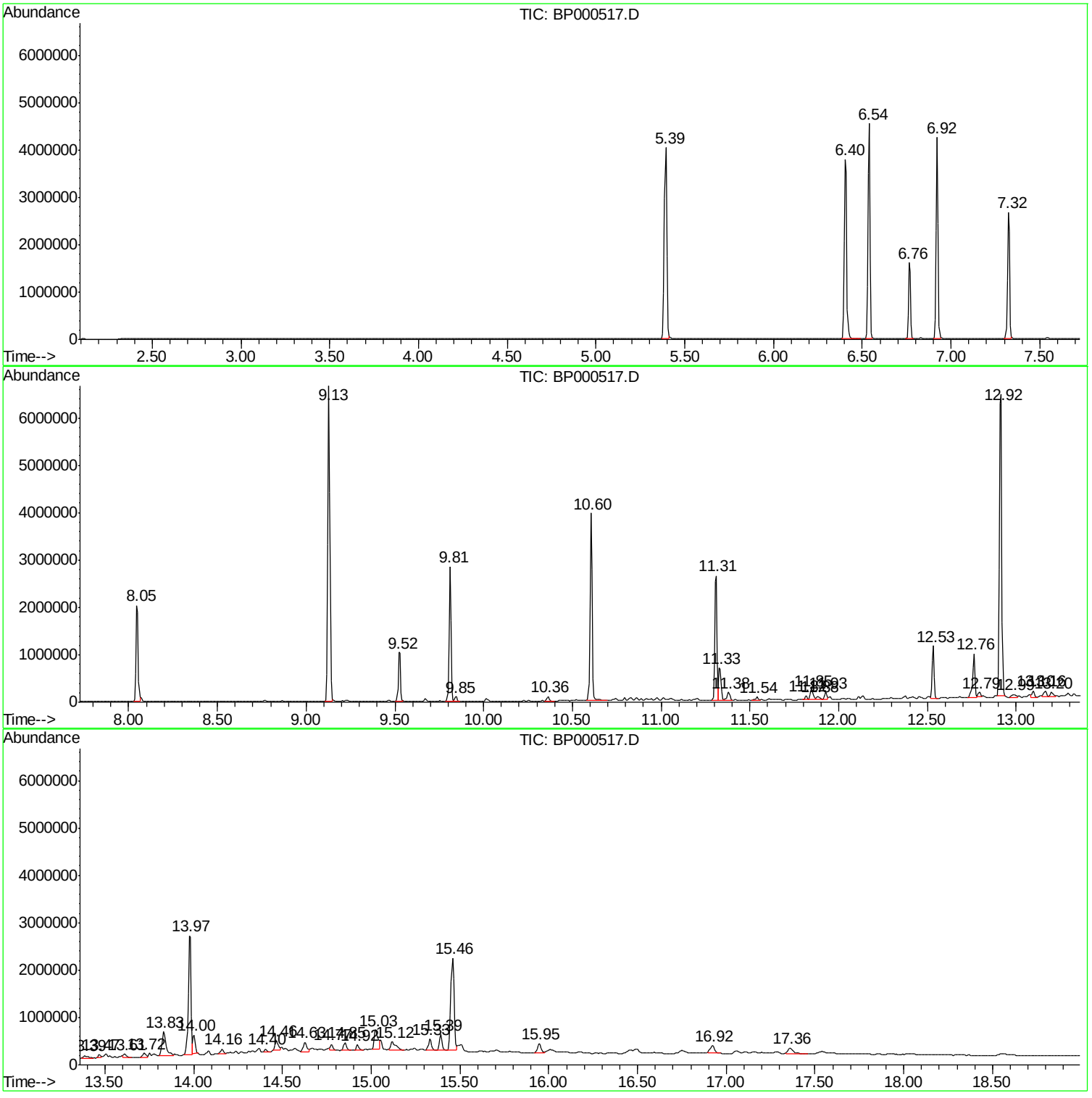
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000517.D
Acq On : 04 Oct 2019 19:12
Operator : JU
Sample : K5204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200055-RT-1868

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000517.D
Acq On : 04 Oct 2019 19:12
Operator : JU
Sample : K5204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200055-RT-1868

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

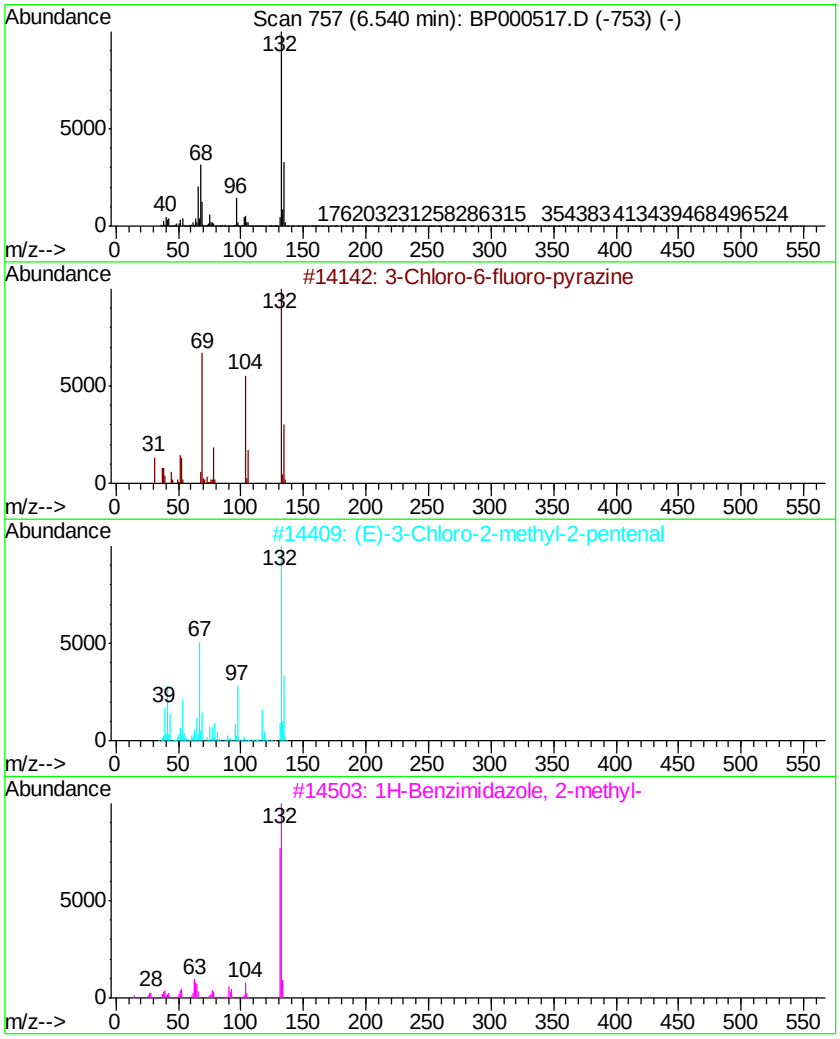
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

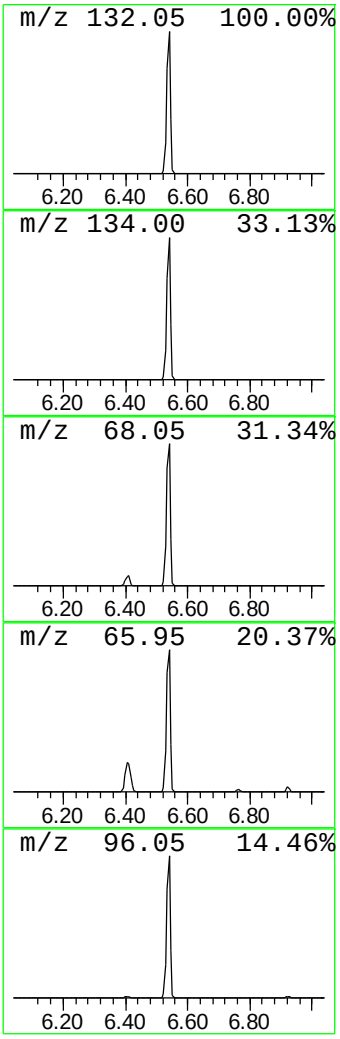
****

Peak Number 1 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	56.98 ng	3905110	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000517.D
Acq On : 04 Oct 2019 19:12
Operator : JU
Sample : K5204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200055-RT-1868

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

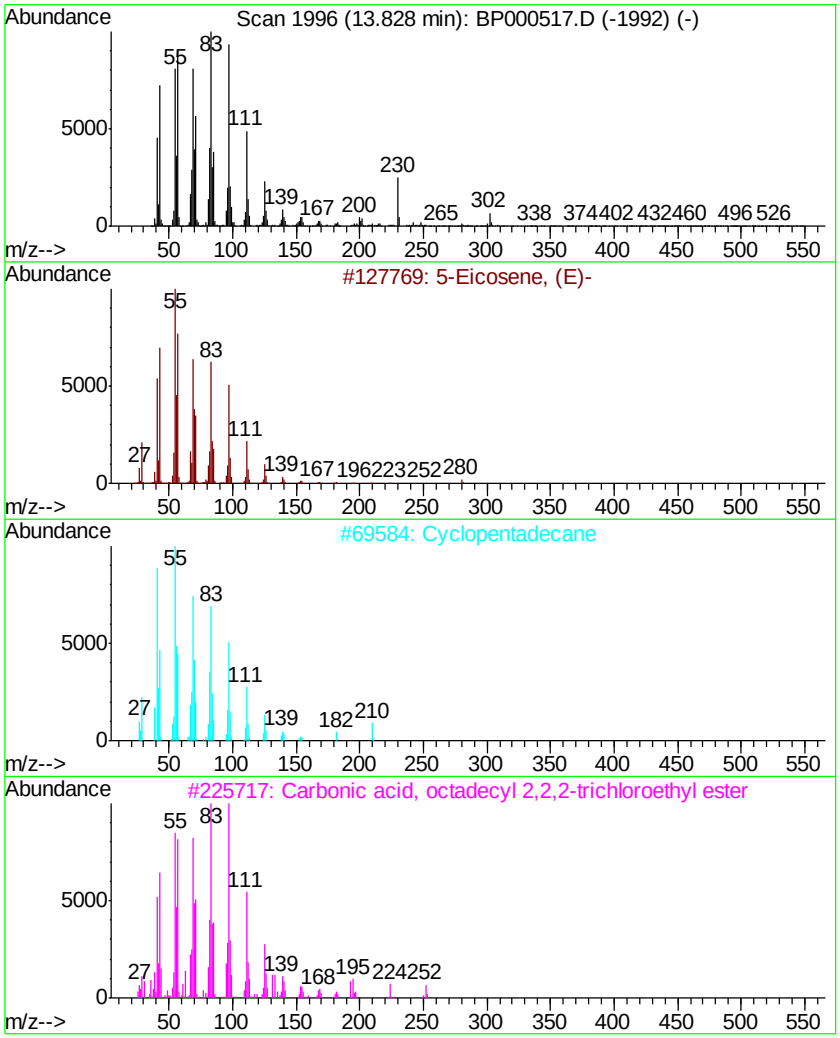
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

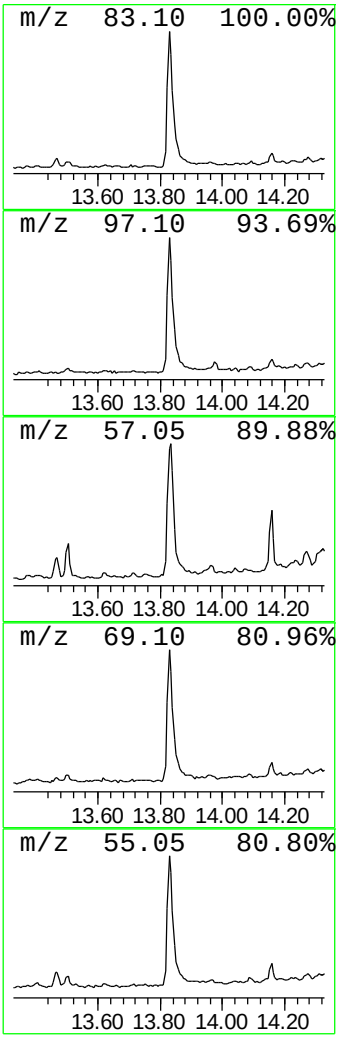
****

Peak Number 3 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	5.76 ng	805132	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000517.D
Acq On : 04 Oct 2019 19:12
Operator : JU
Sample : K5204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200055-RT-1868

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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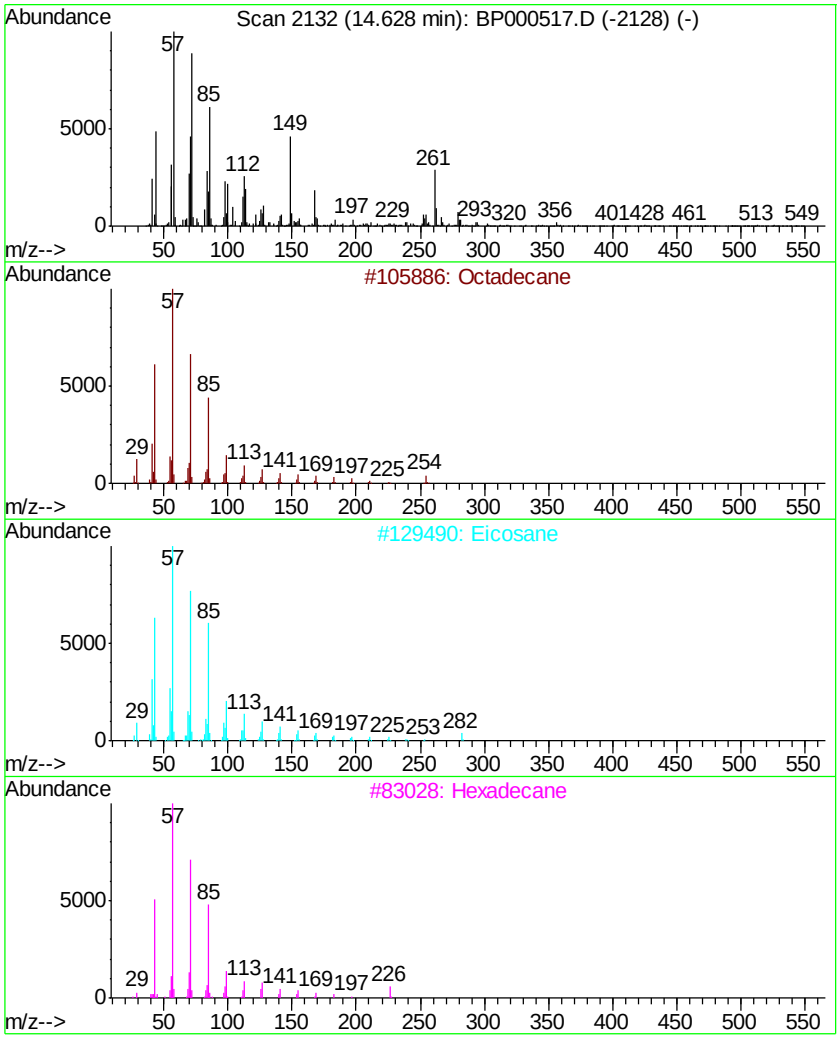
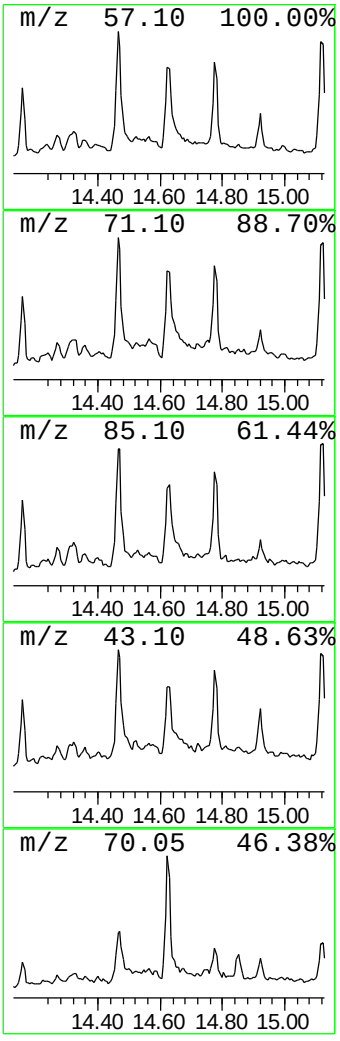
Peak Number 4 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.08 ng	290845	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Eicosane	282	C20H42	000112-95-8	64
3	Hexadecane	226	C16H34	000544-76-3	50
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	50
5	Tetratetracontane	619	C44H90	007098-22-8	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000517.D
Acq On : 04 Oct 2019 19:12
Operator : JU
Sample : K5204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200055-RT-1868

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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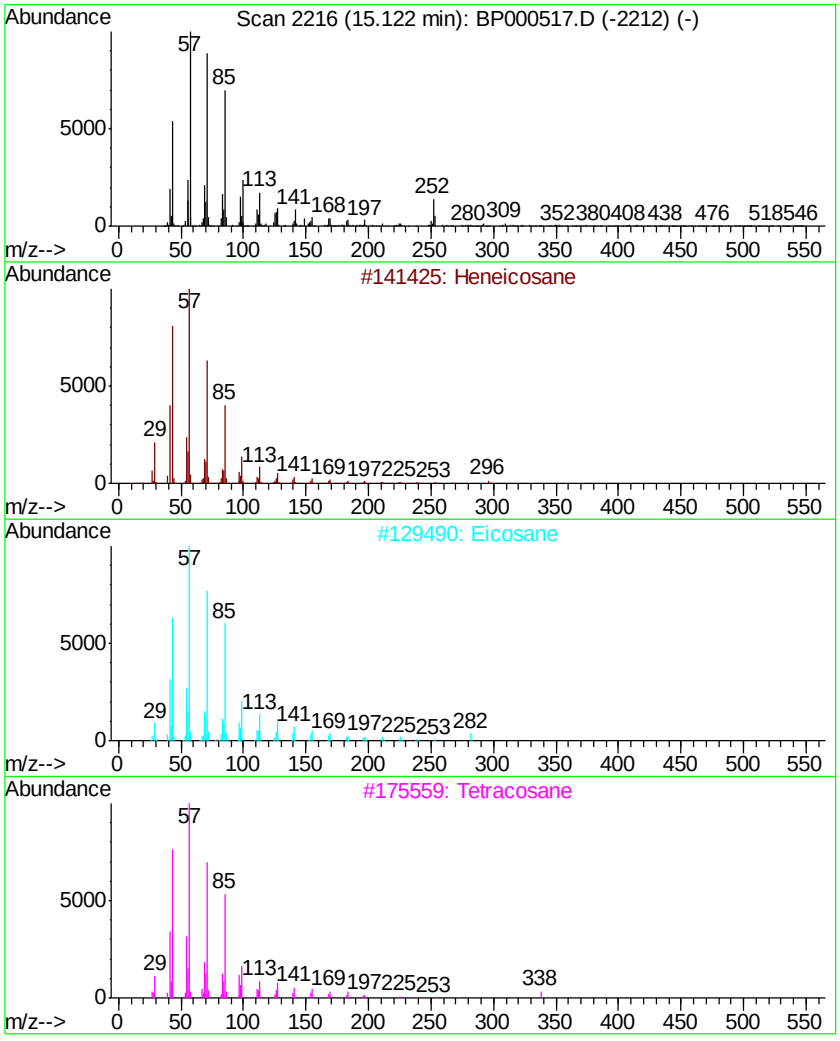
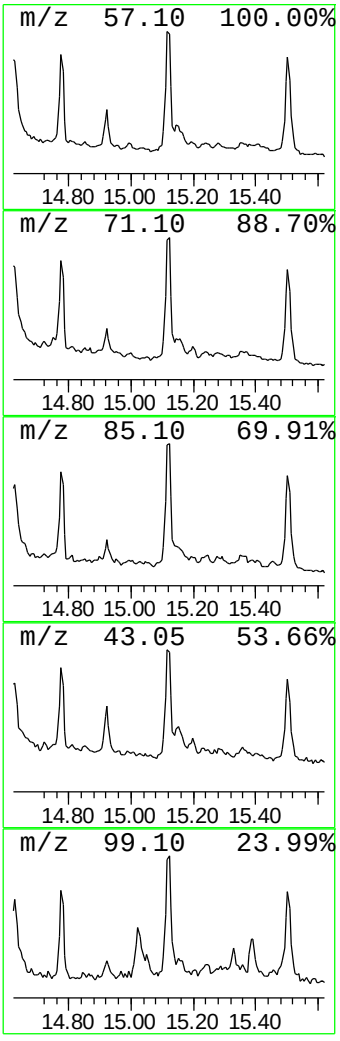
Peak Number 5 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.91 ng	342725	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000517.D
Acq On : 04 Oct 2019 19:12
Operator : JU
Sample : K5204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200055-RT-1868

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

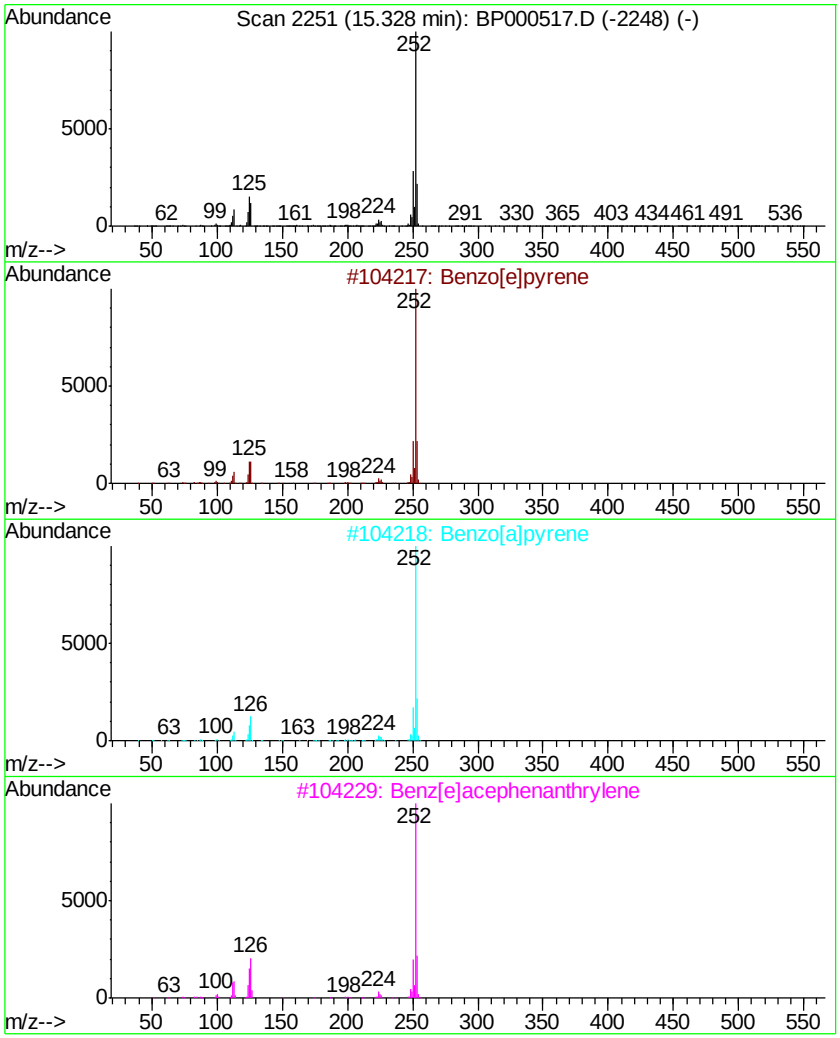
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

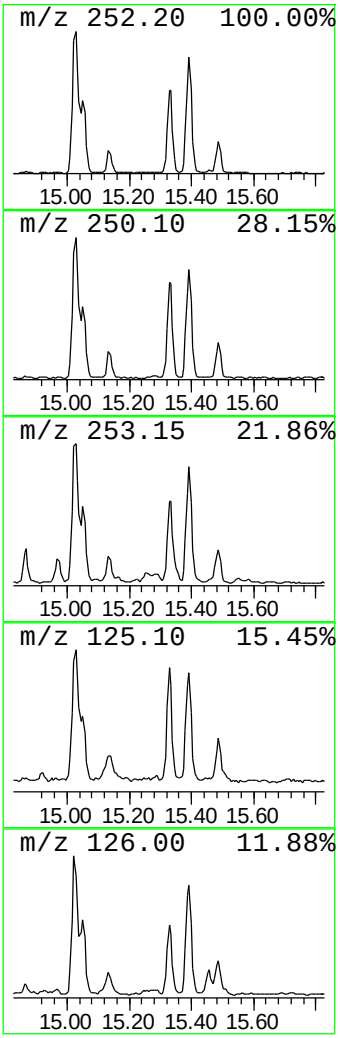
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.51 ng	295875	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000517.D
Acq On : 04 Oct 2019 19:12
Operator : JU
Sample : K5204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200055-RT-1868

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

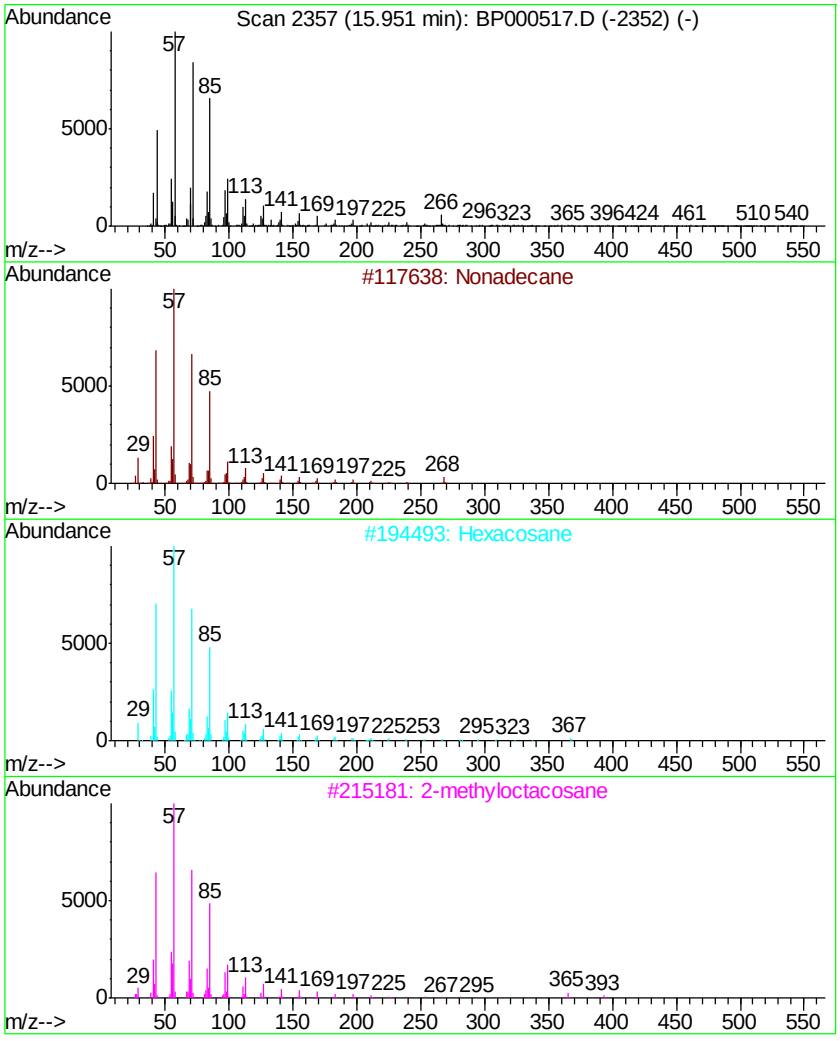
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

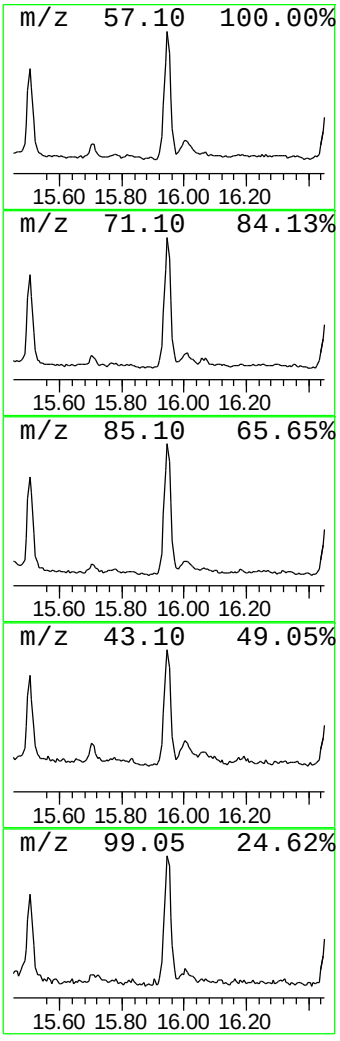
****

Peak Number 7 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.43 ng	286525	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000517.D
Acq On : 04 Oct 2019 19:12
Operator : JU
Sample : K5204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200055-RT-1868

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

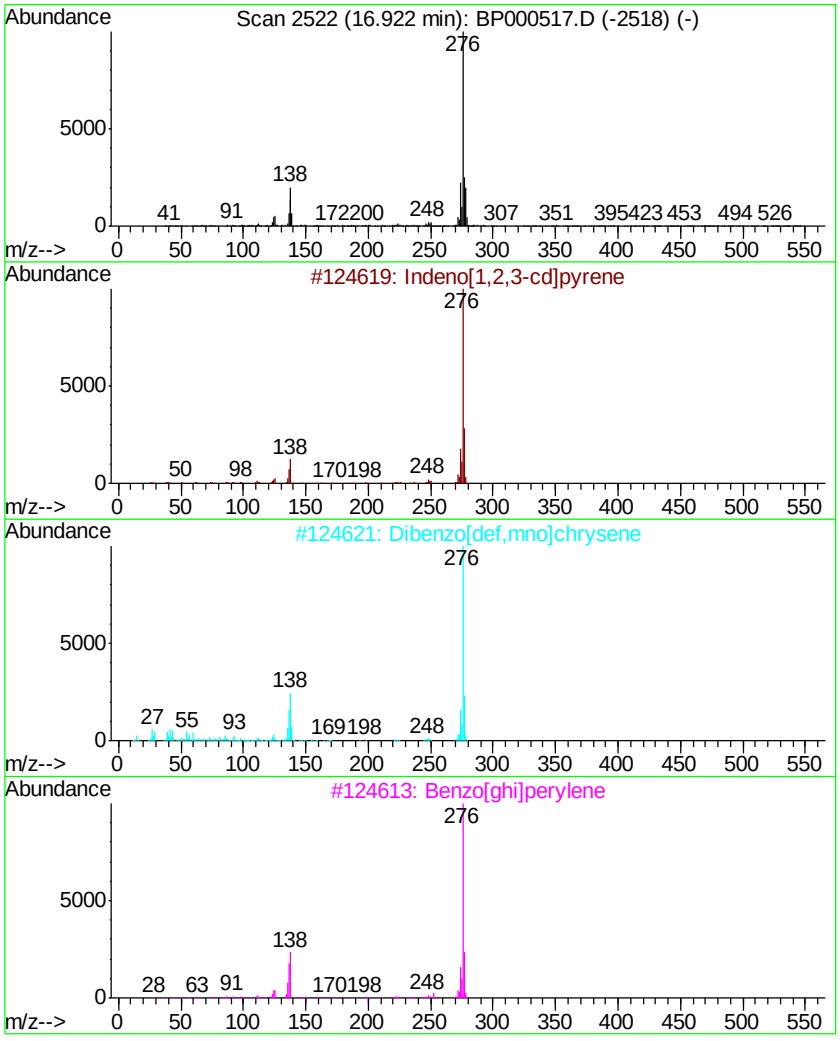
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

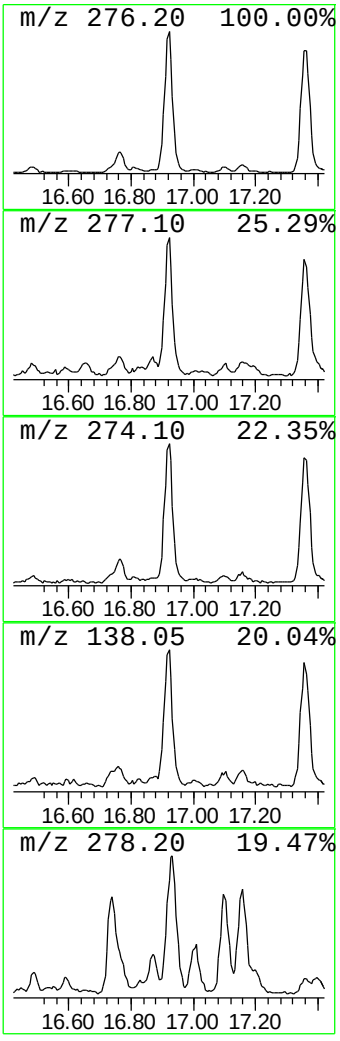
****

Peak Number 8 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	2.35 ng	276884	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	76
5	Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100419\
Data File : BP000517.D
Acq On : 04 Oct 2019 19:12
Operator : JU
Sample : K5204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200055-RT-1868

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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
unknown6.54	6.54	57.0	ng	3905110	1	6.76	1370610	20.0
5-Eicosene, (E)-	13.83	5.8	ng	805132	5	13.98	2797510	20.0
Octadecane	14.63	2.1	ng	290845	5	13.98	2797510	20.0
Heneicosane	15.12	2.9	ng	342725	6	15.46	2358110	20.0
Benzo[e]pyrene	15.33	2.5	ng	295875	6	15.46	2358110	20.0
Nonadecane	15.95	2.4	ng	286525	6	15.46	2358110	20.0
Dibenzo[def,mno]c...	16.92	2.4	ng	276884	6	15.46	2358110	20.0