LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000256.D
Acq On : 16 Sep 2019 23:13
Operator : HP/JU
Sample : K4873-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-28

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-BP091619.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	5.405	560	564	567	rBV	3367087	2826270	62.10%	5.081%
2	6.416	732	736	745	rVB	3728115	3233823	71.05%	5.814%
3	6.557	756	760	763	rBV	3993755	3297030	72.44%	5.928%
4	6.787	796	799	803	rBV	2411986	1898453	41.71%	3.413%
5	6.946	822	826	829	rBV	3620640	2810031	61.74%	5.052%
6	7.346	890	894	897	rBV	2269859	1876487	41.23%	3.374%
7	8.069	1014	1017	1020	rBV	3187266	2460802	54.07%	4.424%
8	8.781	1133	1138	1142	rVB	48343	55780	1.23%	0.100%
9	8.828	1143	1146	1152	rBV	69674	75917	1.67%	0.136%
10	9.146	1197	1200	1204	rBV	5598099	4498085	98.83%	8.087%
11	9.240	1212	1216	1219	rBV4	76647	98015	2.15%	0.176%
12	9.410	1242	1245	1249	rBV2	43296	58743	1.29%	0.106%
13	9.487	1256	1258	1261	rVB	71769	56394	1.24%	0.101%
14	9.540	1265	1267	1270	rBV	609513	491976	10.81%	0.884%
15	9.687	1289	1292	1295	rBV	111507	94059	2.07%	0.169%
16	9.828	1313	1316	1320	rVV	3462971	2897991	63.67%	5.210%
17	9.863	1320	1322	1325	rVB	130701	103064	2.26%	0.185%
18	10.034	1348	1351	1354	rVB	155521	122700	2.70%	0.221%
19	10.246	1383	1387	1389	rBV3	51730	71270	1.57%	0.128%
20	10.275	1389	1392	1394	rVB	82083	73072	1.61%	0.131%
21	10.375	1407	1409	1412	rBV2	99552	91103	2.00%	0.164%
22	10.493	1427	1429	1434	rVV	84977	89753	1.97%	0.161%
23	10.540	1435	1437	1441	rVB3	53499	61022	1.34%	0.110%
24	10.616	1447	1450	1455	rBV	2392125	2061563	45.30%	3.706%
25	10.763	1470	1475	1480	rVB4	195226	331777	7.29%	0.596%
26	10.810	1480	1483	1485	rBV	130880	127193	2.79%	0.229%
27	10.845	1486	1489	1491	rVV2	121019	137947	3.03%	0.248%
28	10.875	1491	1494	1496	rVV2	125086	112926	2.48%	0.203%
29	10.898	1496	1498	1501	rVV	93172	87542	1.92%	0.157%
30	10.934	1501	1504	1507	rVV3	63288	107903	2.37%	0.194%
31	10.987	1510	1513	1517	rVV3	121762	143112	3.14%	0.257%
32	11.028	1517	1520	1522	rVV	105047	97629	2.15%	0.176%
33	11.069	1524	1527	1534	rVB3	89624	127411	2.80%	0.229%
34	11.198	1547	1549	1551	rBV	102045	81467	1.79%	0.146%

LSC Area Percent Report

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Sample : K4873-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-28

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-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.234	1553	1555	1558	rVB	134049	118100	2.59%	0.212%
36	11.322	1566	1570	1572	rBV	3634923	2943062	64.66%	5.291%
37	11.345	1572	1574	1577	rVV	1154100	864924	19.00%	1.555%
38	11.398	1577	1583	1586	rVV	332533	347275	7.63%	0.624%
39	11.551	1607	1609	1613	rBV	75408	83565	1.84%	0.150%
40	11.628	1620	1622	1625	rVB2	109180	85333	1.87%	0.153%
41	11.828	1653	1656	1659	rBV	180720	179491	3.94%	0.323%
42	11.857	1659	1661	1665	rVV	409462	335853	7.38%	0.604%
43	11.940	1672	1675	1677	rBV	299073	307664	6.76%	0.553%
44	11.963	1677	1679	1685	rVB	205289	185194	4.07%	0.333%
45	12.040	1689	1692	1695	rVB2	156501	178209	3.92%	0.320%
46	12.128	1704	1707	1709	rBV	153359	132768	2.92%	0.239%
47	12.281	1731	1733	1736	rVB	288486	246770	5.42%	0.444%
48	12.310	1736	1738	1739	rBV	74311	58347	1.28%	0.105%
49	12.387	1748	1751	1754	rBV2	174680	154694	3.40%	0.278%
50	12.469	1762	1765	1770	rBV2	169370	168745	3.71%	0.303%
51	12.545	1775	1778	1781	rVV	2278198	1932875	42.47%	3.475%
52	12.592	1783	1786	1792	rVB	550364	527584	11.59%	0.949%
53	12.775	1812	1817	1820	rBV	1973894	1923711	42.27%	3.459%
54	12.804	1820	1822	1825	rVB2	189940	218647	4.80%	0.393%
55	12.922	1839	1842	1846	rBV	4943845	4551404	100.00%	8.183%
56	13.110	1872	1874	1877	rVB	267746	225629	4.96%	0.406%
57	13.175	1882	1885	1888	rVB2	235445	223835	4.92%	0.402%
58	13.216	1889	1892	1894	rBV2	235132	248350	5.46%	0.446%
59	13.416	1923	1926	1930	rBV2	479102	438421	9.63%	0.788%
60	13.516	1941	1943	1946	rBV2	237874	201947	4.44%	0.363%
61	13.986	2019	2023	2026	rBV2	3399977	3930891	86.37%	7.067%
62	14.016	2026	2028	2030	rVB	771703	588997	12.94%	1.059%
63	15.039	2199	2202	2206	rBV	689223	1172696	25.77%	2.108%
64	15.475	2272	2276	2280	rBV	2048136	2288991	50.29%	4.115%

Sum of corrected areas: 55622282

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
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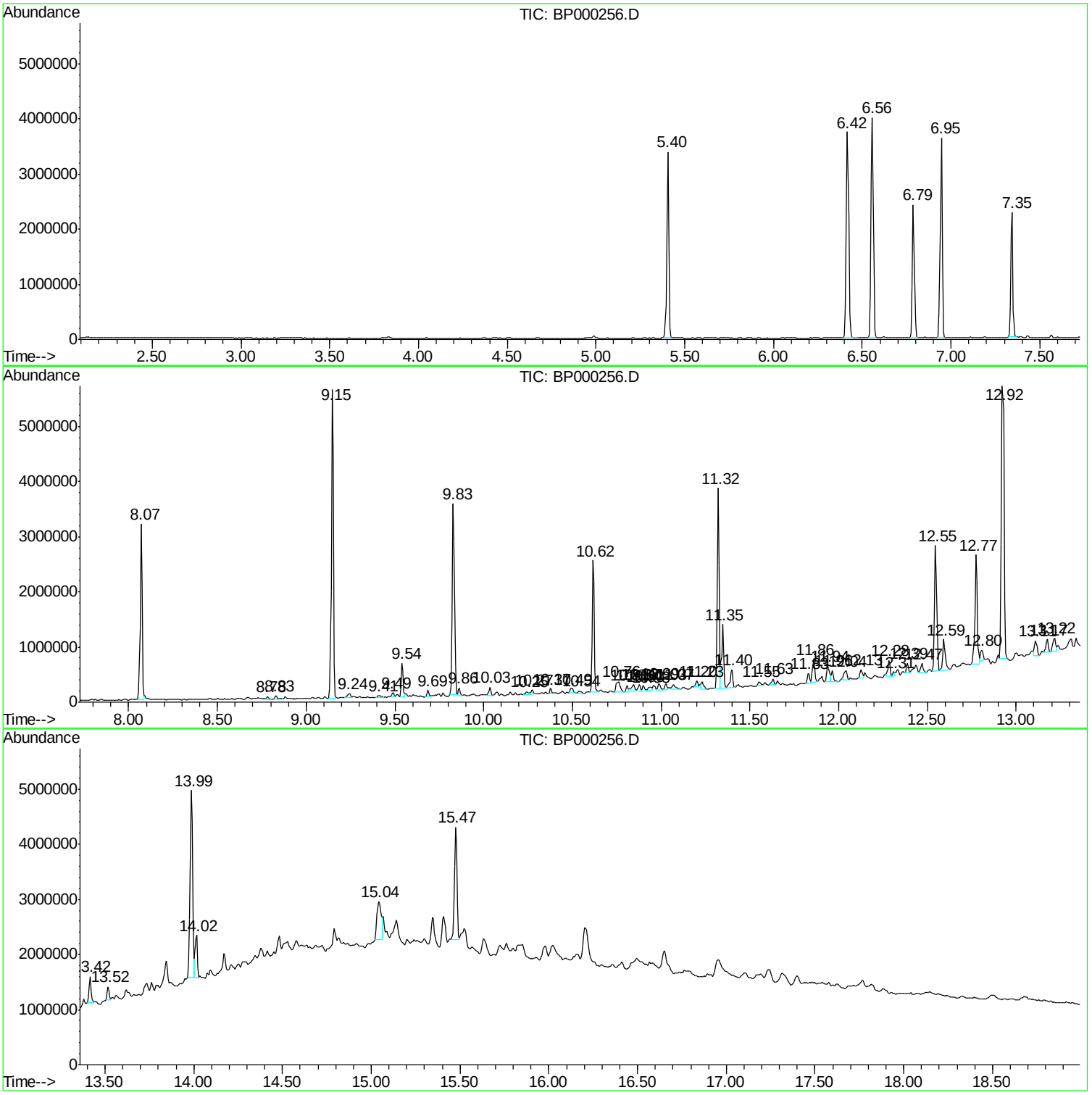
Acq On : 16 Sep 2019 23:13
Operator : HP/JU
Sample : K4873-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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\BP091619\
Data File : BP000256.D
Acq On : 16 Sep 2019 23:13
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Instrument : BNA_P
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

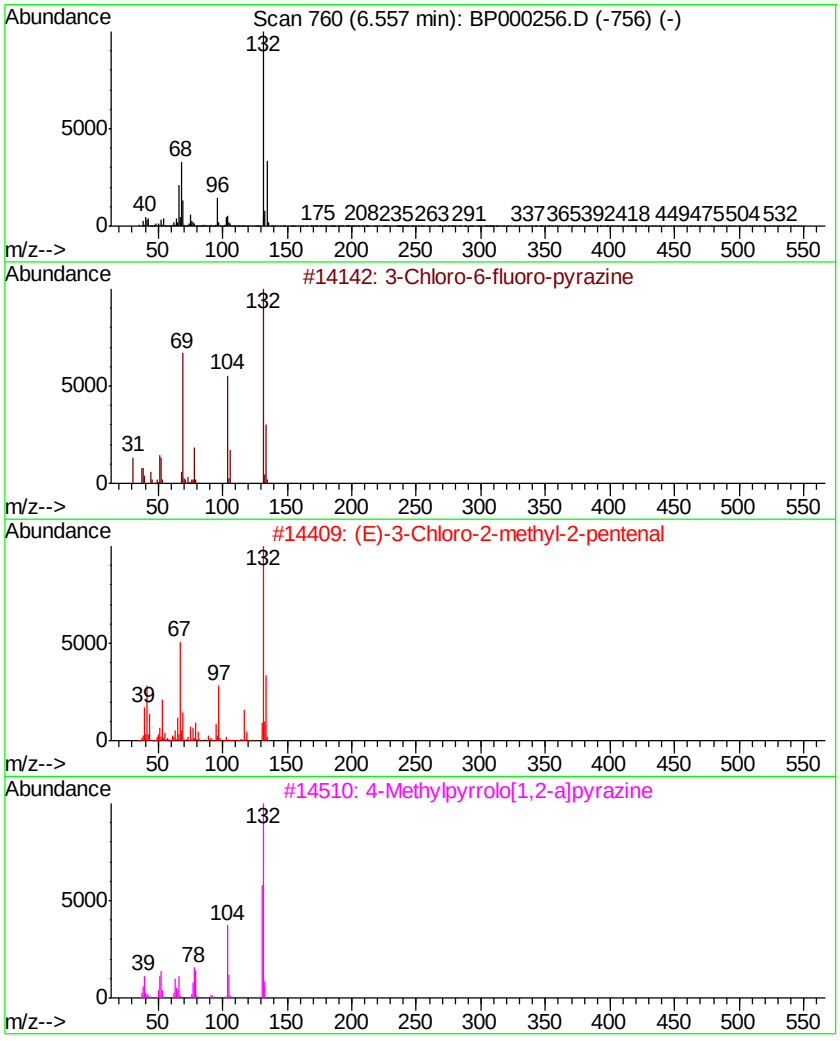
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

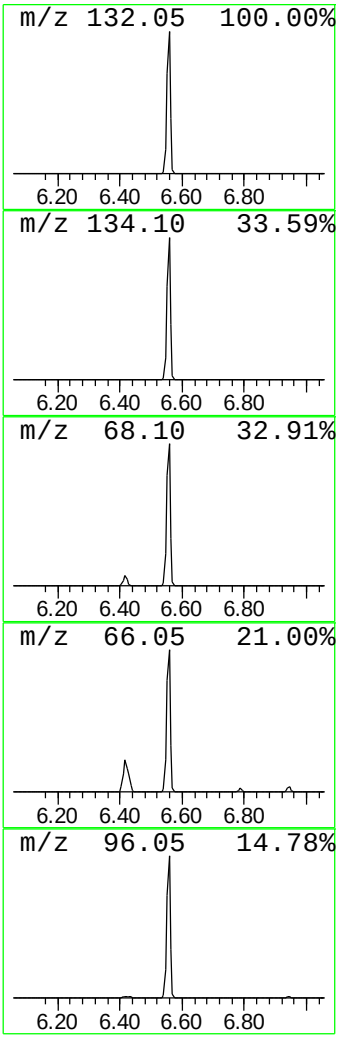
****

Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	34.73 ng	3297030	1,4-Dichlorobenzene-d4	6.79

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	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
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Acq On : 16 Sep 2019 23:13
Operator : HP/JU
Sample : K4873-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

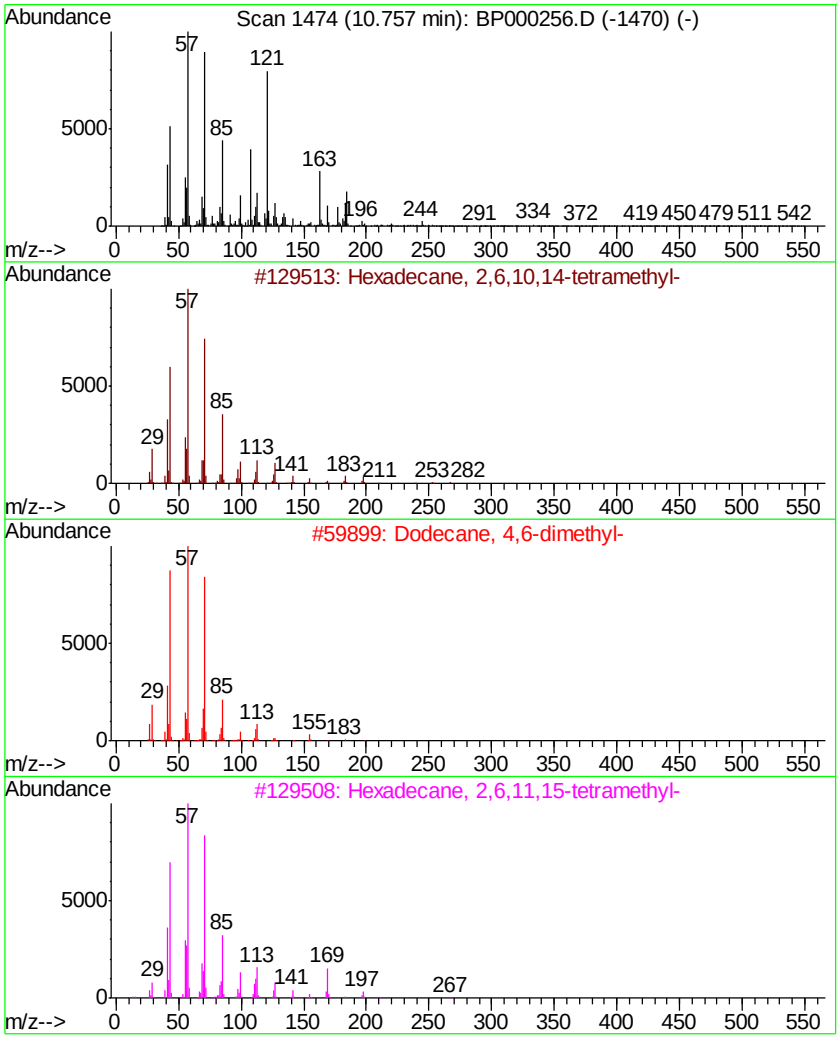
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

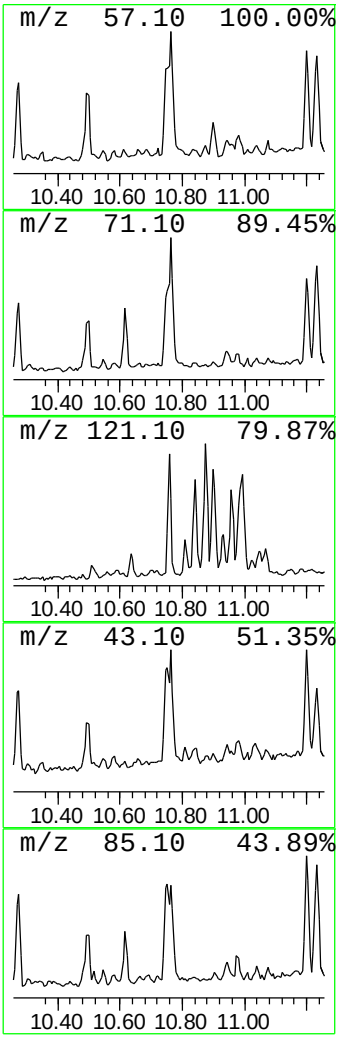
****

Peak Number 3 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.25 ng	331777	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
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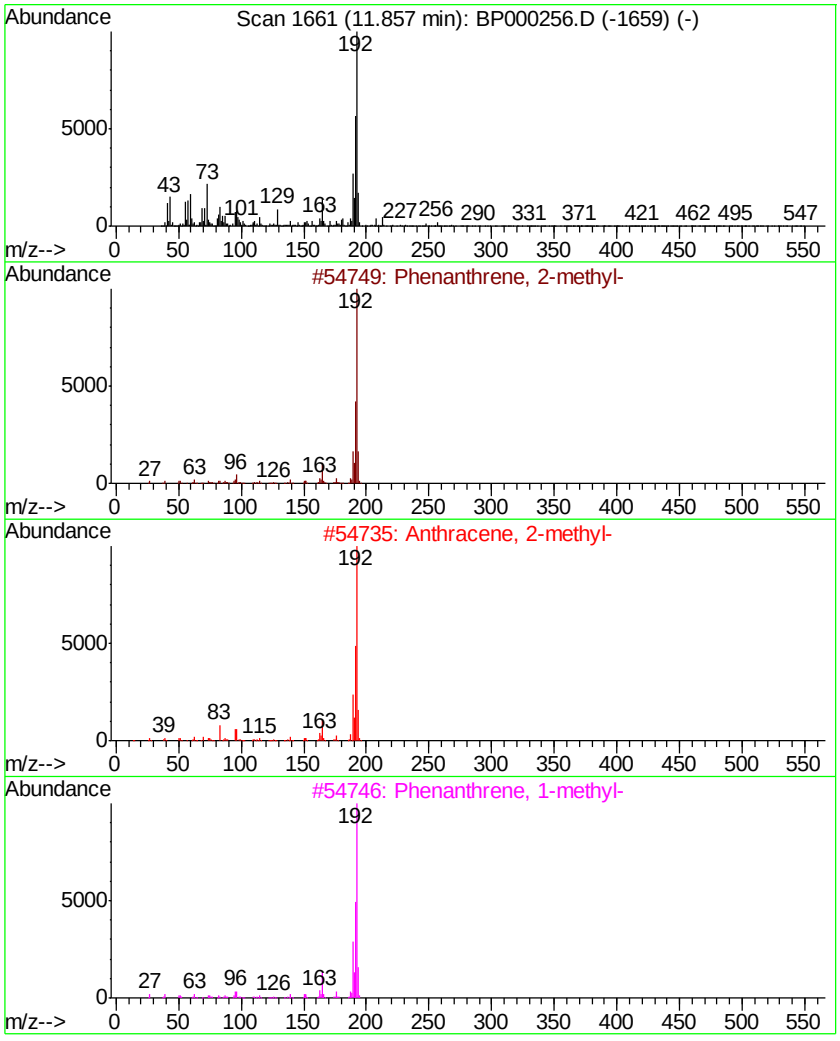
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

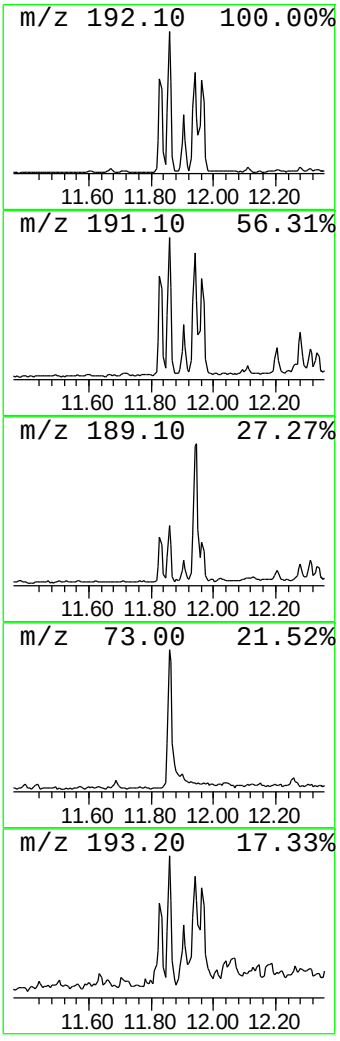
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.28 ng	335853	Phenanthrene-d10	11.32

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	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
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Acq On : 16 Sep 2019 23:13
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Misc :
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Instrument : BNA_P
ClientSampleId : COMP-28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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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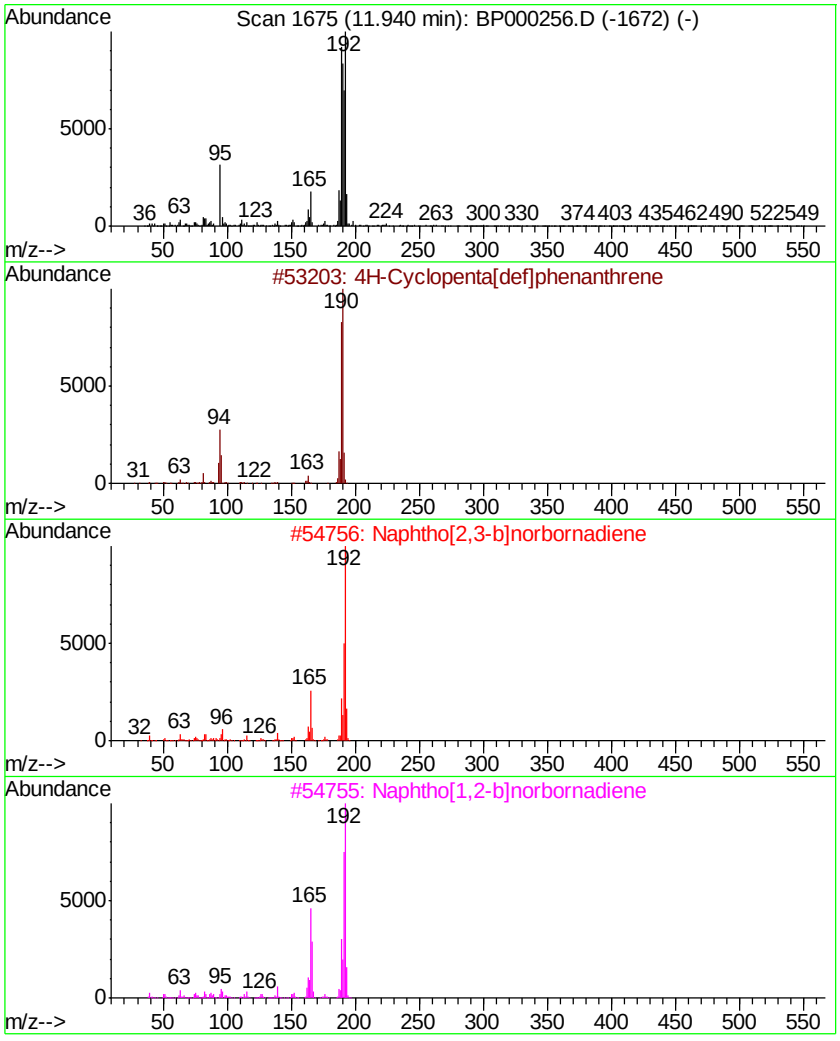
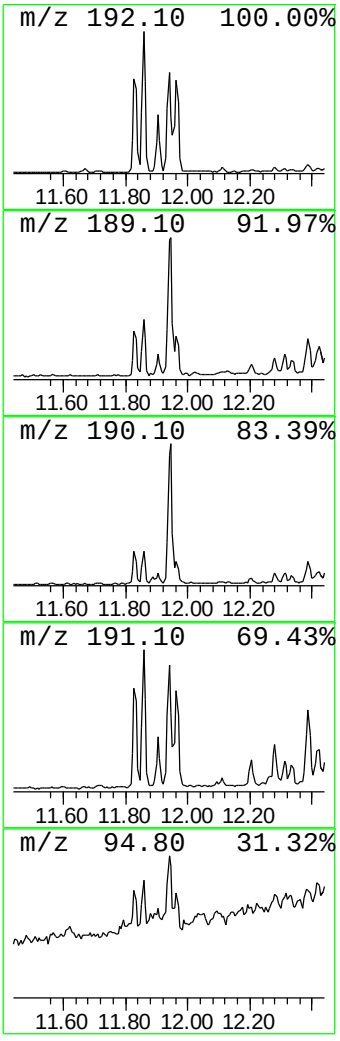
Peak Number 6 unknown11.94 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.09 ng	307664	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





Library Search Compound Report

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Misc :
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Instrument : BNA_P
ClientSampleId : COMP-28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

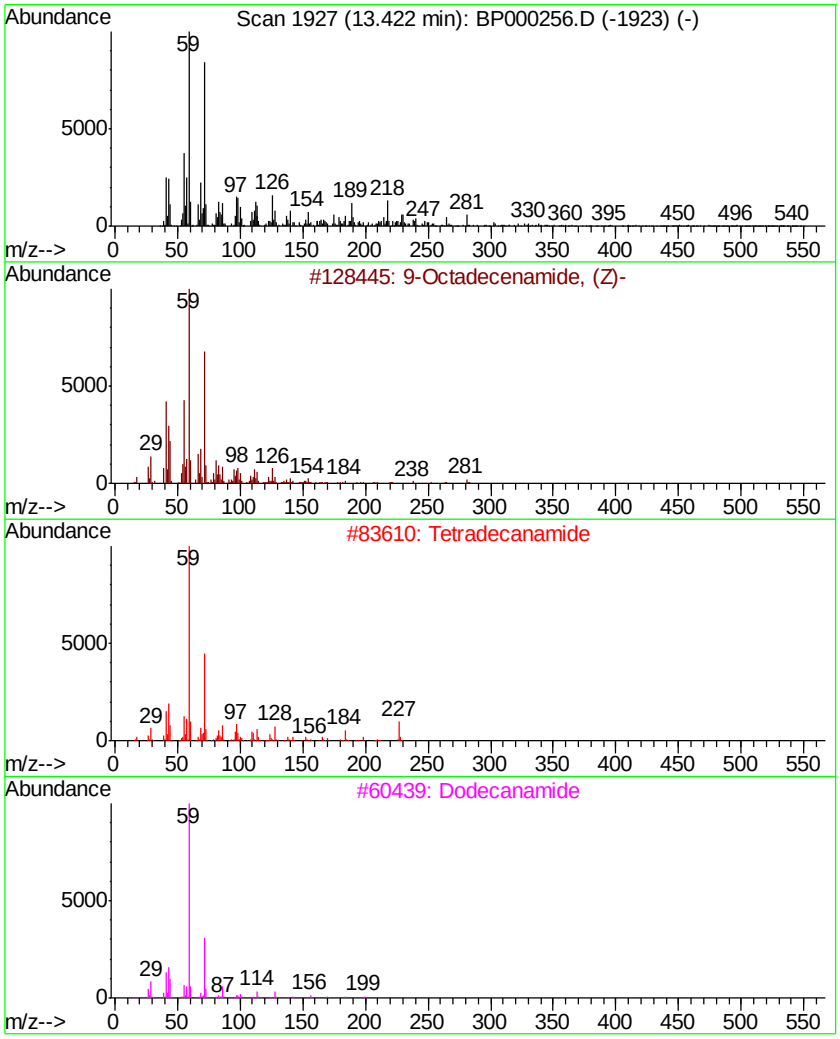
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

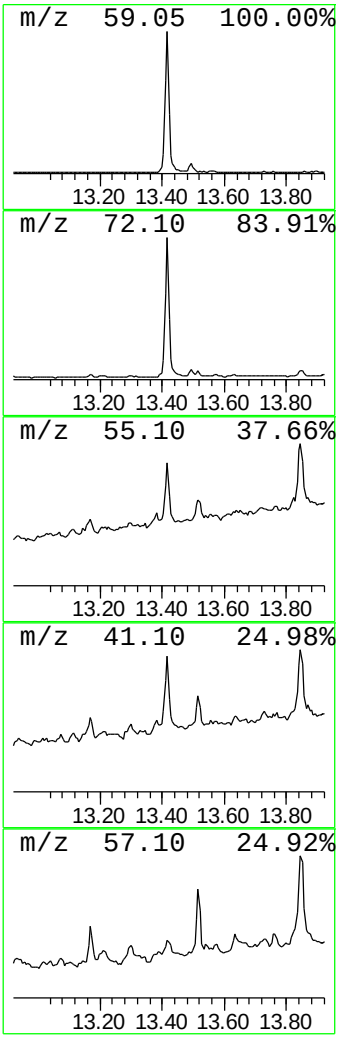
****

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.23 ng	438421	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
2	Tetradecanamide	227	C14H29NO	000638-58-4	43
3	Dodecanamide	199	C12H25NO	001120-16-7	38
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	38
5	2-Hydroxy-2-methylundec-5-en-3-one	198	C12H22O2	1000191-46-2	35





Tentatively Identified Compound (LSC) summary

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Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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
unknown6.56	6.56	34.7	ng	3297030	1	6.79	1898450	20.0
Hexadecane, 2,6,1...	10.76	2.3	ng	331777	4	11.32	2943060	20.0
Phenanthrene, 2-m...	11.86	2.3	ng	335853	4	11.32	2943060	20.0
unknown11.94	11.94	2.1	ng	307664	4	11.32	2943060	20.0
9-Octadecenamide,...	13.42	2.2	ng	438421	5	13.99	3930890	20.0