LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112327.D
Acq On : 30 Jan 2019 17:46
Operator : JU/SJ
Sample : K1282-25
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

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-BF012519.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	2.140	5	9	15	rVB	130150	176011	5.39%	0.517%
2	5.057	502	505	517	rBV	126706	174669	5.35%	0.513%
3	5.475	572	576	589	rBV	2923189	2936567	90.01%	8.618%
4	6.487	743	748	766	rBV	3119827	3233651	99.11%	9.490%
5	6.616	766	770	773	rBV	3706290	3262653	100.00%	9.575%
6	6.840	804	808	816	rBV	1043434	976293	29.92%	2.865%
7	6.992	830	834	838	rBV	2885846	2605484	79.86%	7.647%
8	7.398	898	903	913	rBV	2123223	2054073	62.96%	6.028%
9	8.116	1020	1025	1032	rBV	1145773	1254595	38.45%	3.682%
10	8.539	1093	1097	1102	rBV2	39185	46522	1.43%	0.137%
11	9.192	1203	1208	1211	rBV	3644513	3249374	99.59%	9.536%
12	9.586	1272	1275	1279	rBV	213060	209675	6.43%	0.615%
13	9.798	1306	1311	1316	rVB2	29243	37856	1.16%	0.111%
14	9.875	1316	1324	1327	rBV	1436505	1360204	41.69%	3.992%
15	9.904	1327	1329	1333	rVB	43641	41464	1.27%	0.122%
16	10.075	1354	1358	1362	rBV4	31287	37022	1.13%	0.109%
17	10.280	1389	1393	1394	rBV2	38470	37781	1.16%	0.111%
18	10.298	1394	1396	1399	rVB	50138	38481	1.18%	0.113%
19	10.416	1413	1416	1423	rVB3	25026	38283	1.17%	0.112%
20	10.522	1429	1434	1440	rBV3	22344	40759	1.25%	0.120%
21	10.663	1454	1458	1468	rBV	2092207	1918709	58.81%	5.631%
22	10.786	1474	1479	1485	rVB2	72408	104382	3.20%	0.306%
23	11.216	1548	1552	1555	rBV2	44653	47111	1.44%	0.138%
24	11.251	1555	1558	1563	rVB4	28916	38792	1.19%	0.114%
25	11.357	1572	1576	1579	rBV	1304178	1257414	38.54%	3.690%
26	11.380	1579	1580	1587	rVV	342133	264573	8.11%	0.776%
27	11.433	1587	1589	1592	rVB	51974	45497	1.39%	0.134%
28	11.592	1613	1616	1622	rBV3	22971	44986	1.38%	0.132%
29	11.645	1622	1625	1628	rVV3	46915	42705	1.31%	0.125%
30	11.704	1631	1635	1638	rVB4	32230	47028	1.44%	0.138%
31	11.863	1656	1662	1663	rBV	55089	57879	1.77%	0.170%
32	11.886	1663	1666	1672	rVB3	134501	202433	6.20%	0.594%
33	11.975	1677	1681	1683	rVV3	96067	122250	3.75%	0.359%
34	11.992	1683	1684	1691	rVB2	45715	43900	1.35%	0.129%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-7

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.051	1691	1694	1699	rBV2	61696	64289	1.97%	0.189%
36	12.304	1731	1737	1739	rBV4	31517	40721	1.25%	0.120%
37	12.410	1752	1755	1758	rVB	57170	51182	1.57%	0.150%
38	12.439	1758	1760	1763	rVV3	58528	57946	1.78%	0.170%
39	12.498	1767	1770	1774	rVB3	30874	39150	1.20%	0.115%
40	12.574	1779	1783	1787	rBV	448164	399122	12.23%	1.171%
41	12.804	1816	1822	1828	rBV	383761	472615	14.49%	1.387%
42	12.857	1828	1831	1836	rVB3	35682	45042	1.38%	0.132%
43	12.939	1841	1845	1848	rBV	2740260	2264254	69.40%	6.645%
44	13.016	1855	1858	1866	rBV4	36351	68357	2.10%	0.201%
45	13.127	1875	1877	1881	rVB	50279	47205	1.45%	0.139%
46	13.163	1881	1883	1886	rVB	43879	35371	1.08%	0.104%
47	13.233	1891	1895	1900	rVB3	43665	50436	1.55%	0.148%
48	13.504	1939	1941	1944	rVB	56722	50965	1.56%	0.150%
49	13.833	1993	1997	2004	rVB3	183308	282919	8.67%	0.830%
50	13.998	2017	2025	2028	rBV2	1183659	1278722	39.19%	3.753%
51	14.027	2028	2030	2033	rVB	160673	141577	4.34%	0.415%
52	14.151	2048	2051	2058	rVB	102747	93146	2.85%	0.273%
53	14.386	2089	2091	2094	rVB	46085	36841	1.13%	0.108%
54	14.451	2099	2102	2106	rBV2	112433	126424	3.87%	0.371%
55	14.757	2151	2154	2158	rVB	124511	116929	3.58%	0.343%
56	14.833	2164	2167	2171	rVB	71675	71622	2.20%	0.210%
57	15.039	2199	2202	2205	rBV	162500	229018	7.02%	0.672%
58	15.092	2208	2211	2218	rVB3	159337	212960	6.53%	0.625%
59	15.345	2251	2254	2260	rVB	101125	125947	3.86%	0.370%
60	15.404	2261	2264	2270	rVV	133452	178608	5.47%	0.524%
61	15.468	2270	2275	2287	rVB	865862	1178682	36.13%	3.459%
62	15.892	2344	2347	2353	rVB2	84343	122443	3.75%	0.359%
63	16.939	2522	2525	2537	rVB3	57947	142561	4.37%	0.418%

Sum of corrected areas: 34074130

LSC Report - Integrated Chromatogram

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Misc :
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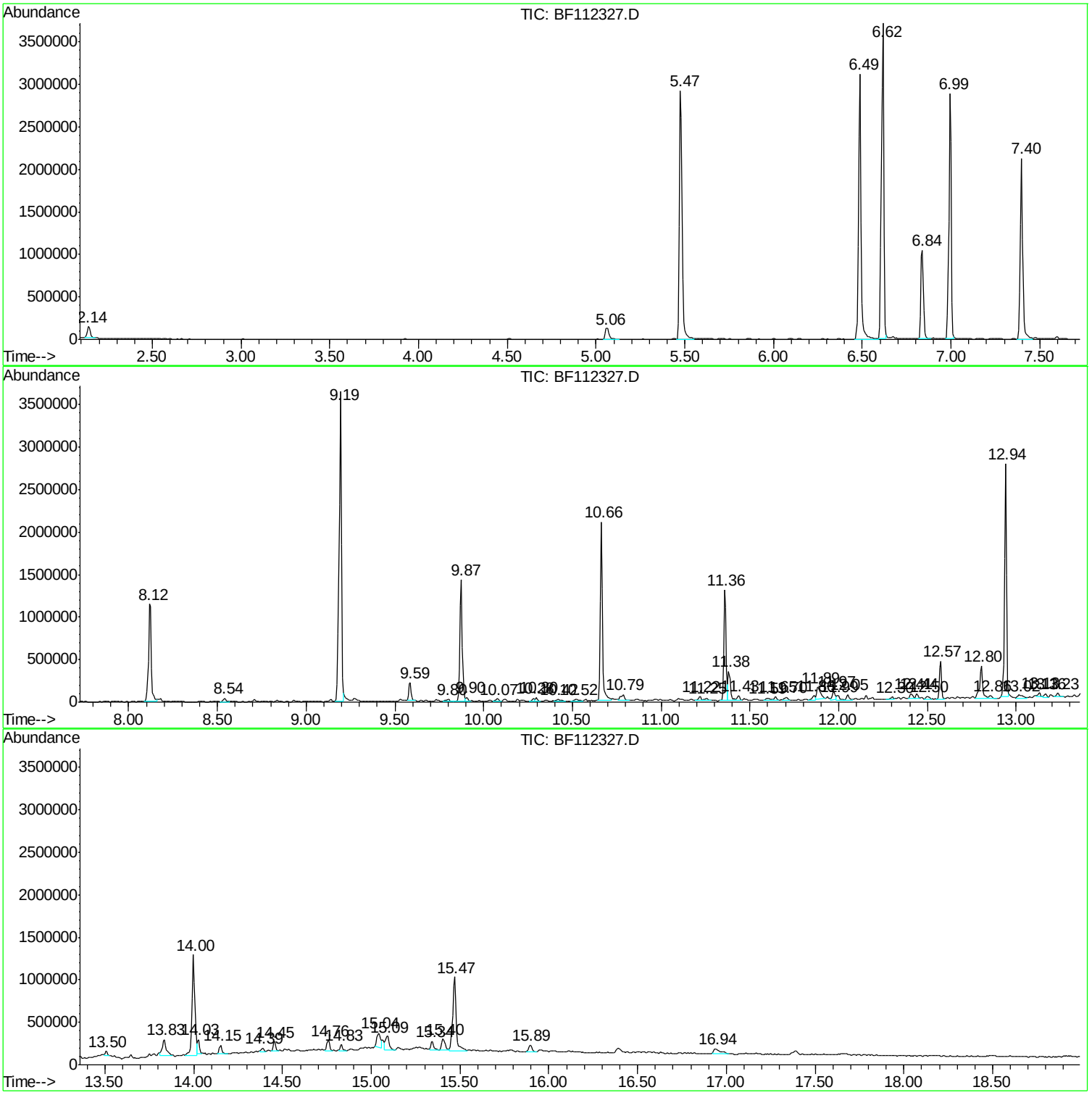
Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

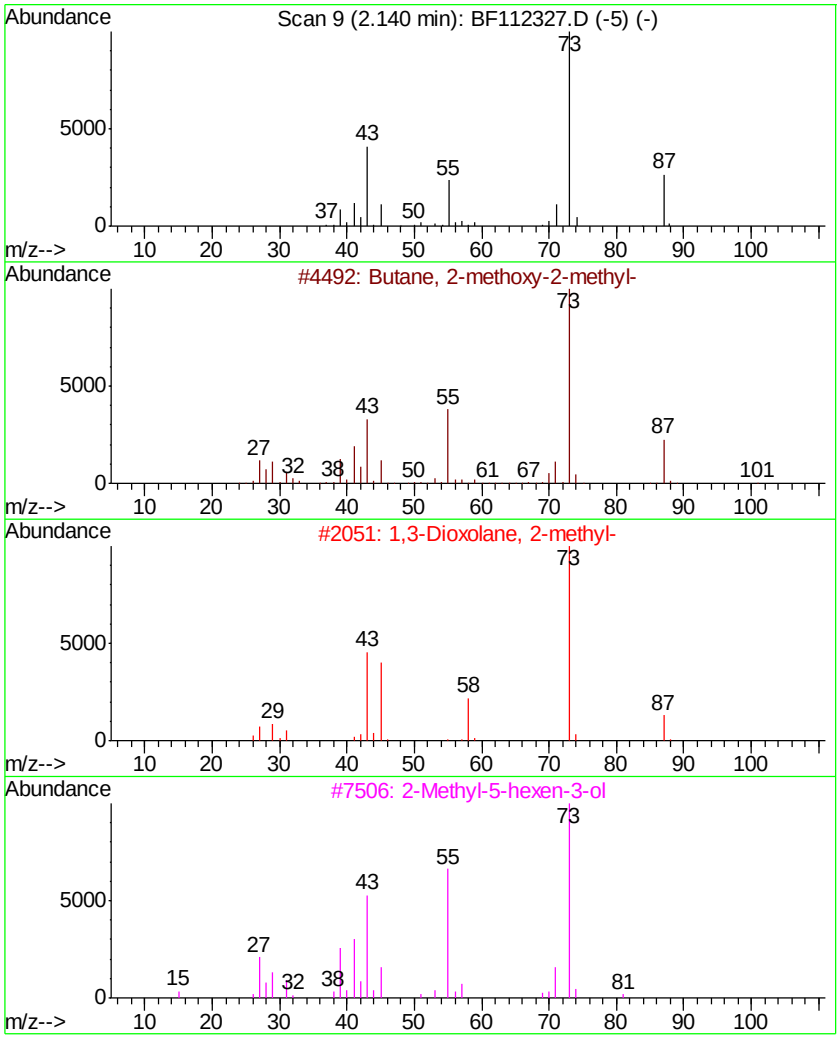
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

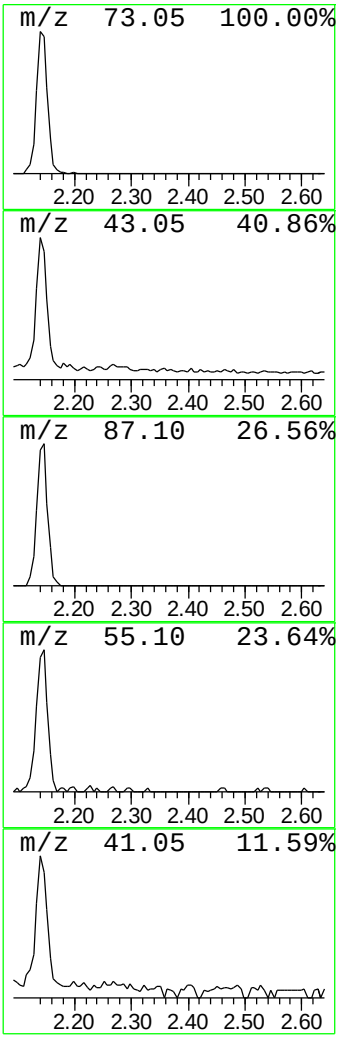
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	3.61 ng	176011	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

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Data File : BF112327.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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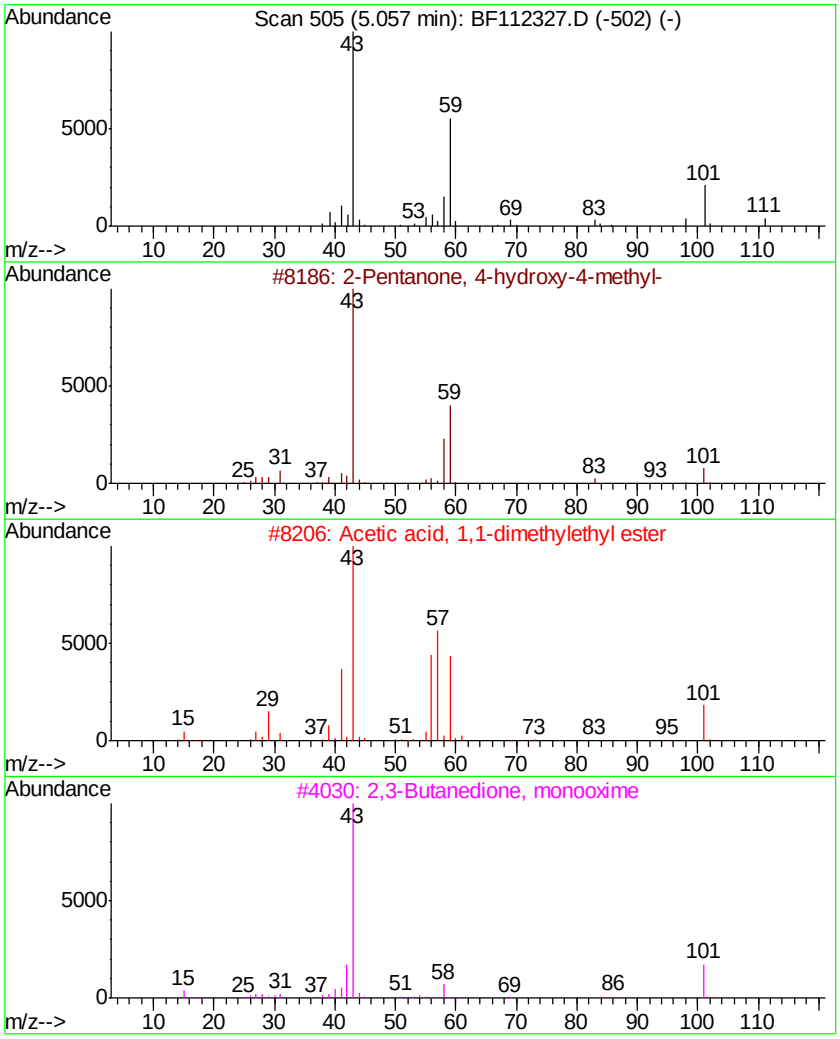
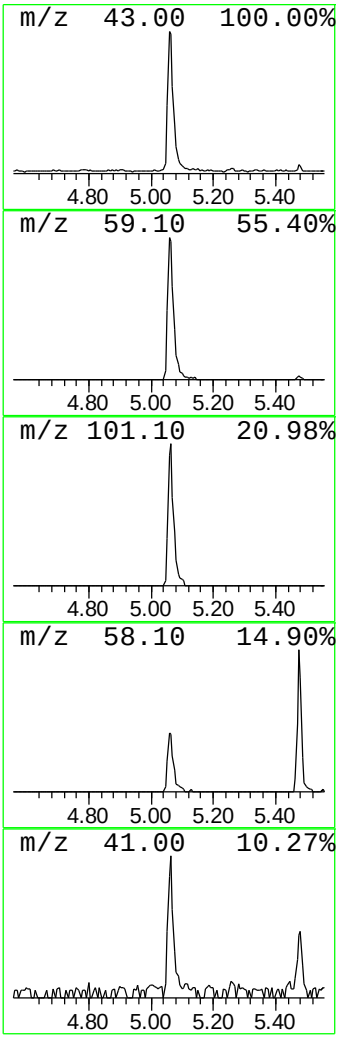
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	3.58 ng	174669	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	Butyl aldoxime, 3-methyl-, anti	101	C5H11NO	005775-74-6	27
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23





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Sample : K1282-25
Misc :
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Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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TIC Library : C:\DATABASE\NIST11.L
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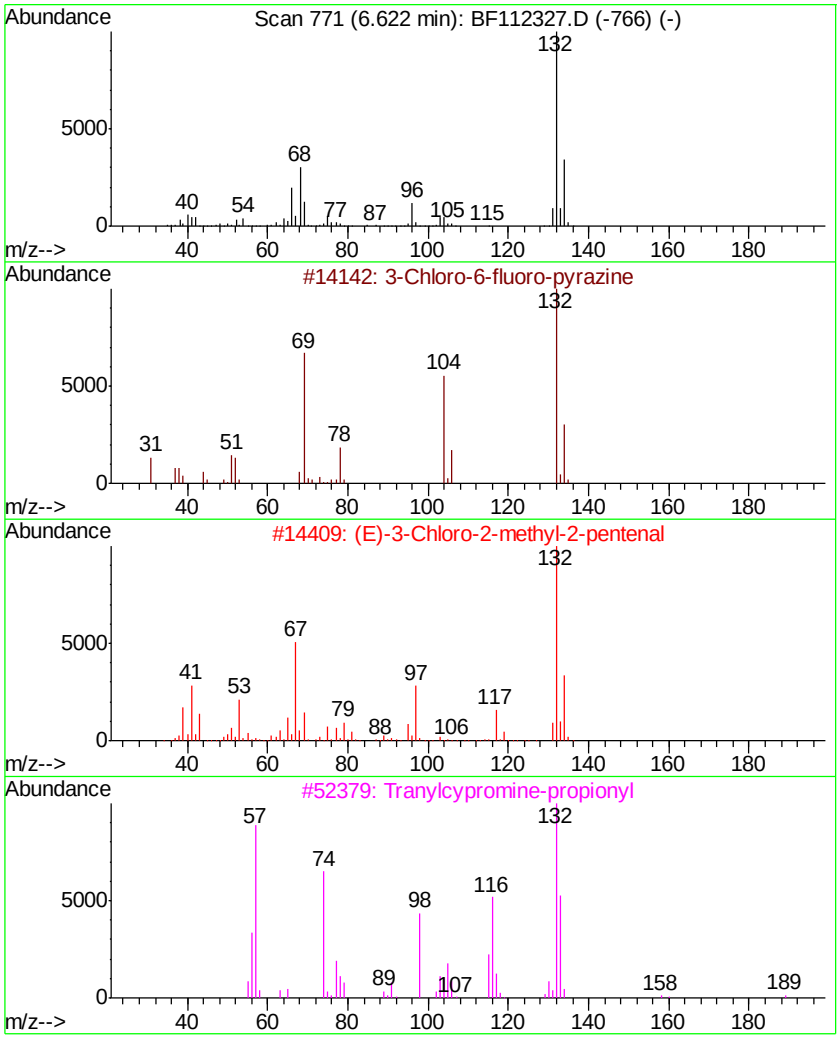
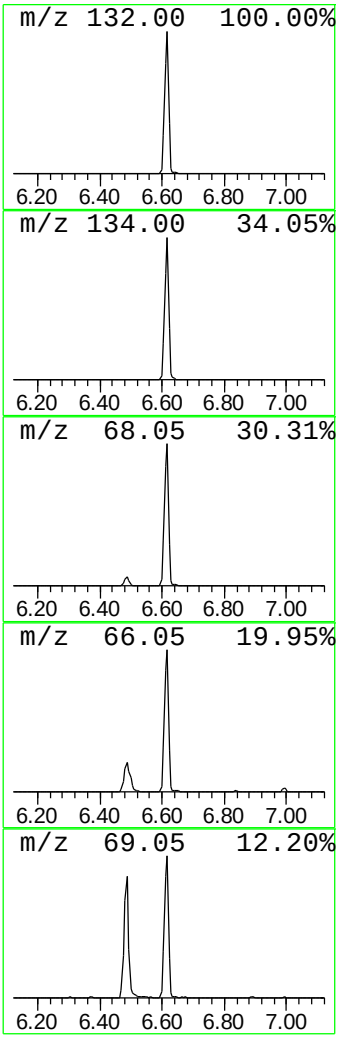
Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	66.84 ng	3262650	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TP-7

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TIC Library : C:\DATABASE\NIST11.L
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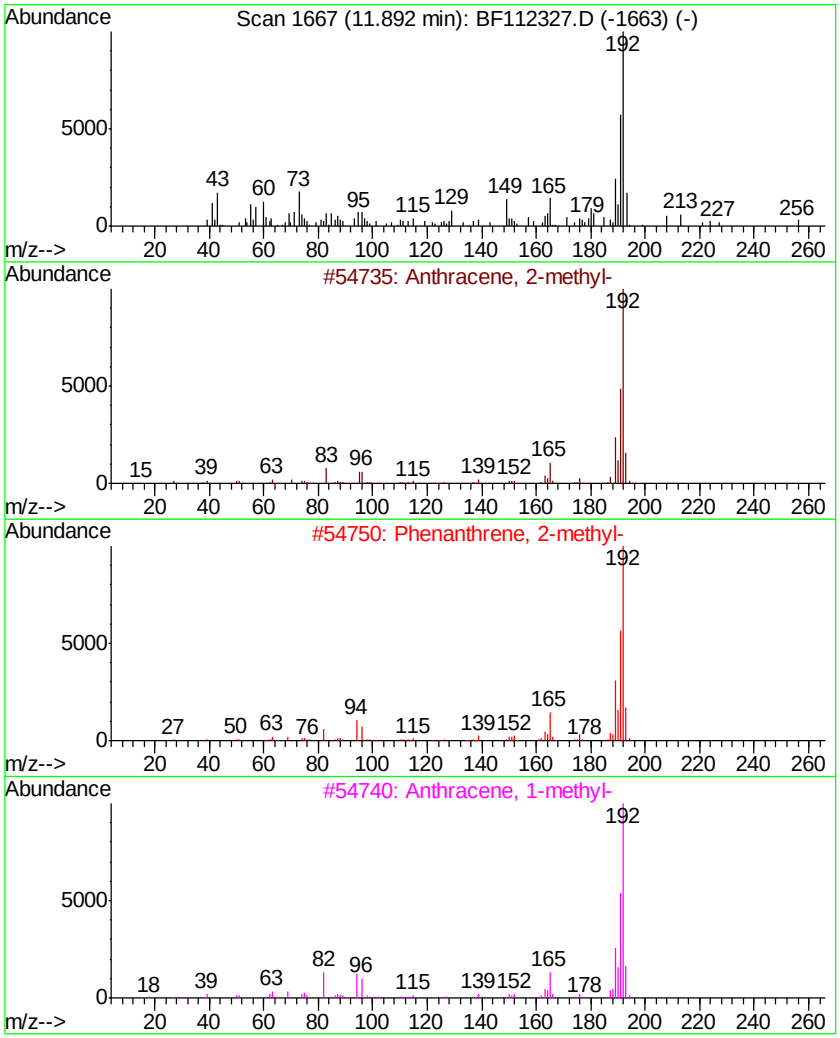
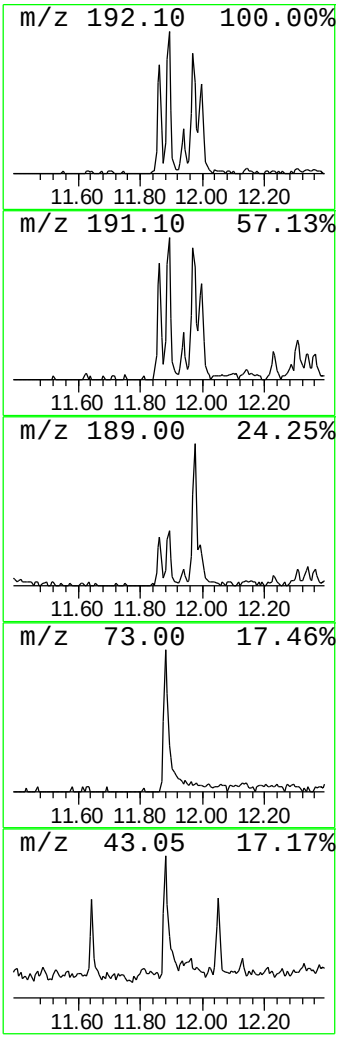
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.22 ng	202433	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64





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Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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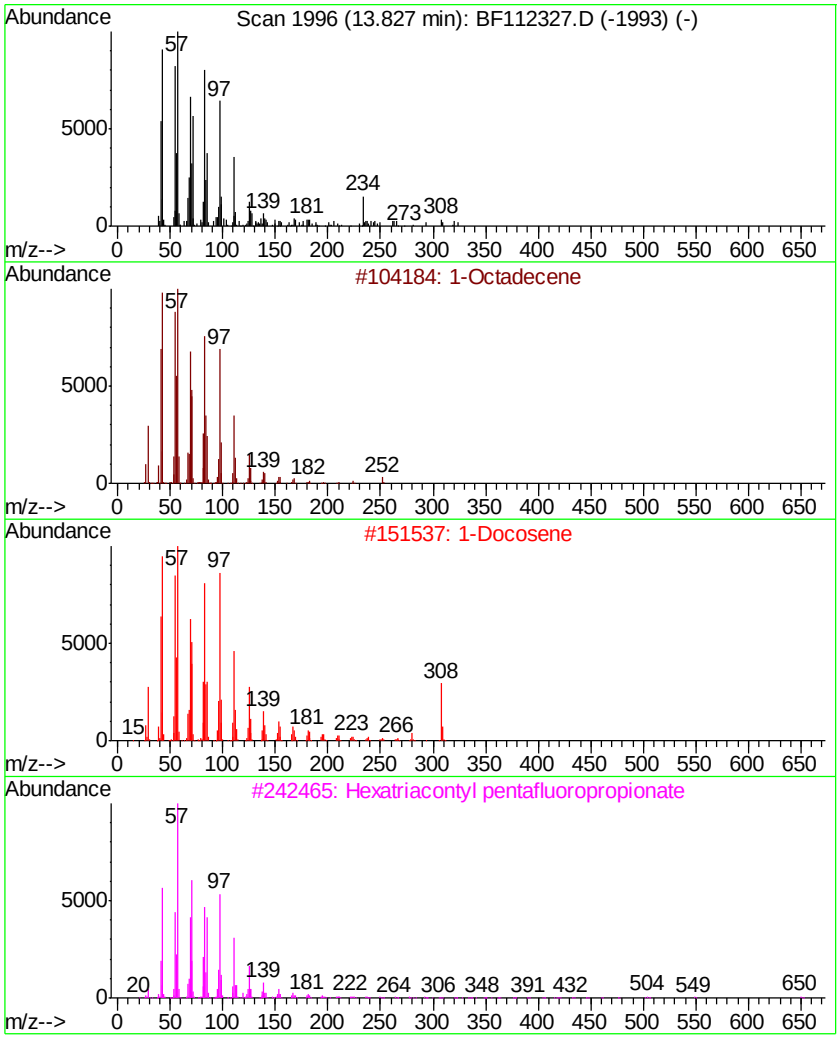
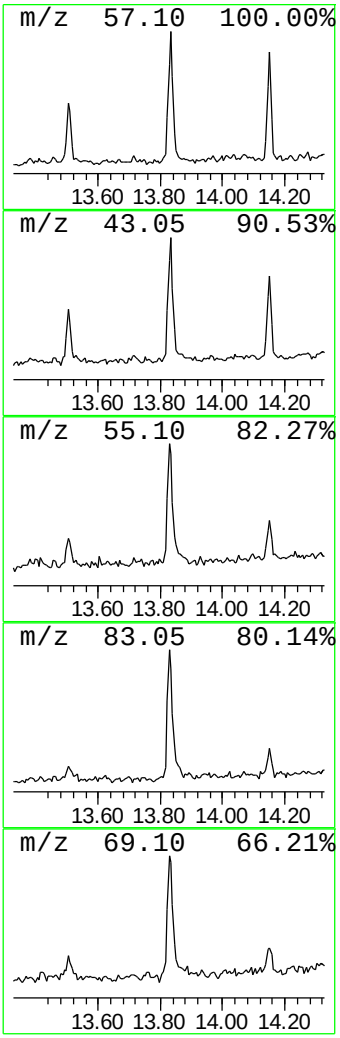
Peak Number 6 1-Octadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	4.43 ng	282919	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	93
2	1-Docosene	308	C22H44	001599-67-3	91
3	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	91
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	90





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

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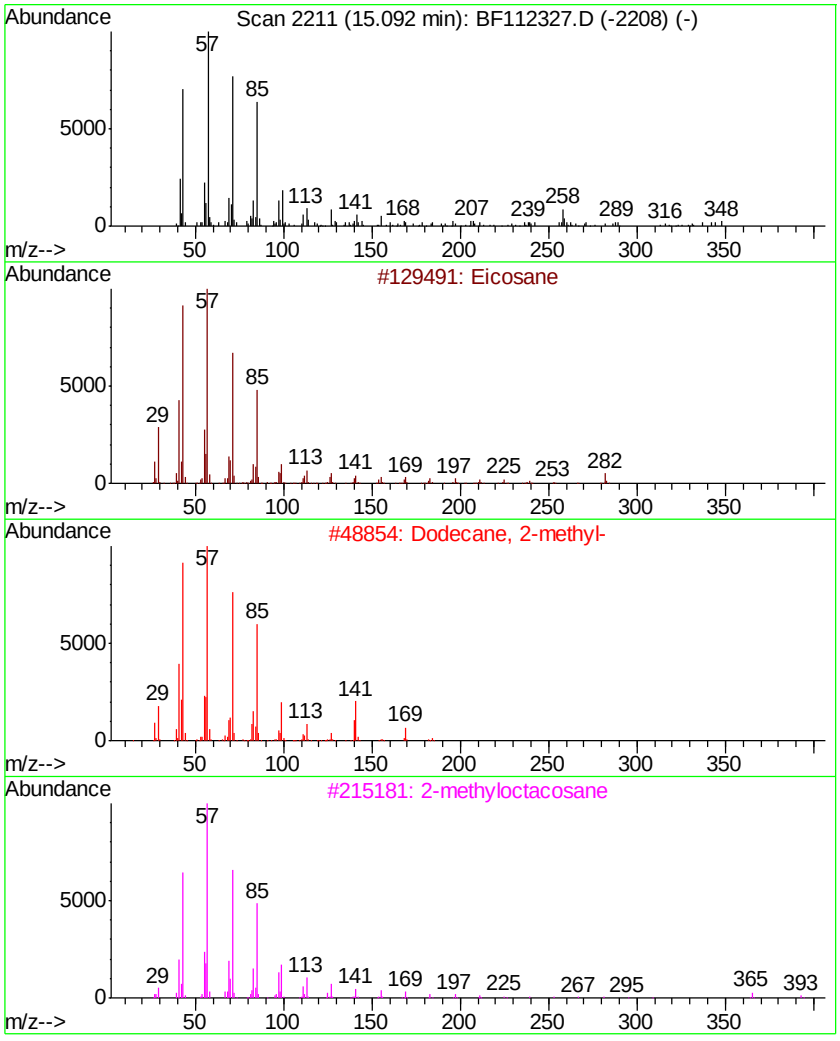
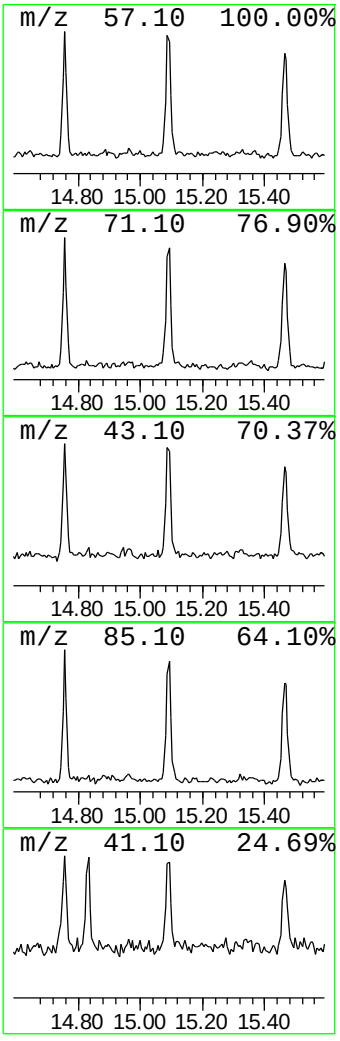
Peak Number 7 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.61 ng	212960	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	Octacosane	394	C28H58	000630-02-4	74





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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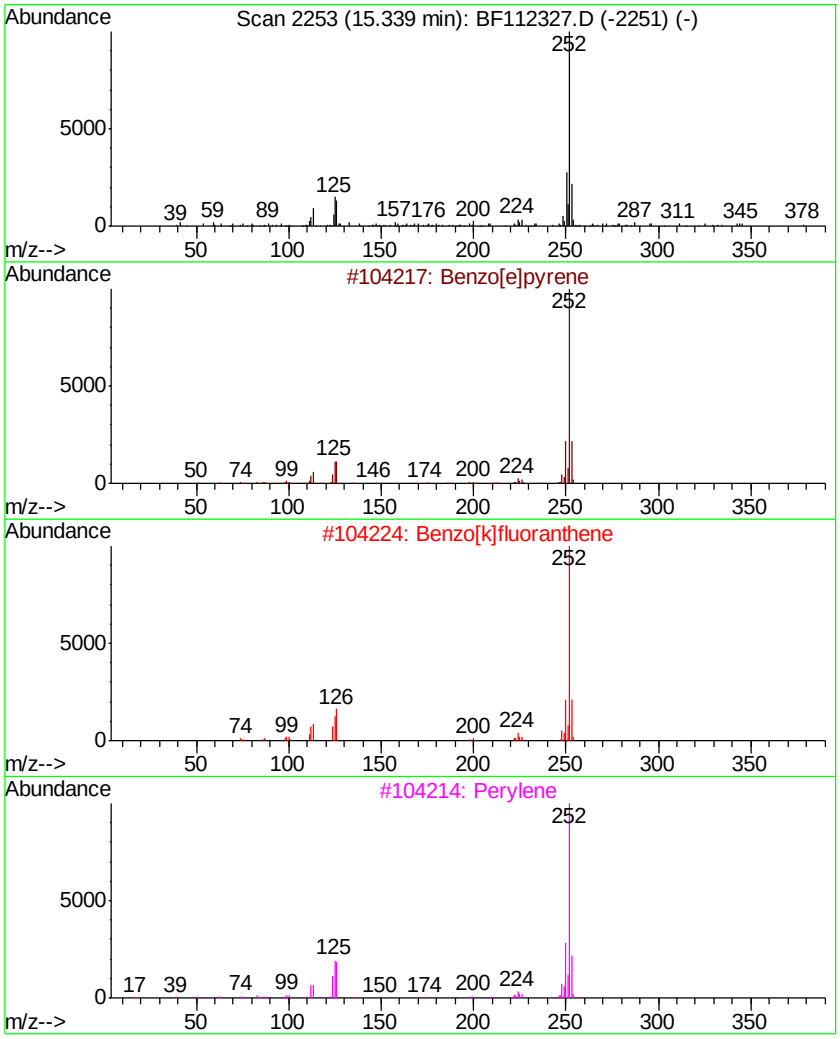
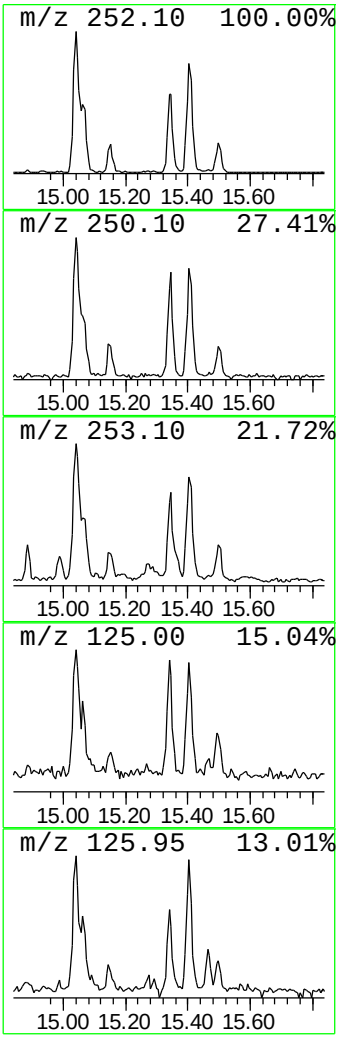
Peak Number 8 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.14 ng	125947	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Perylene	252	C20H12	000198-55-0	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

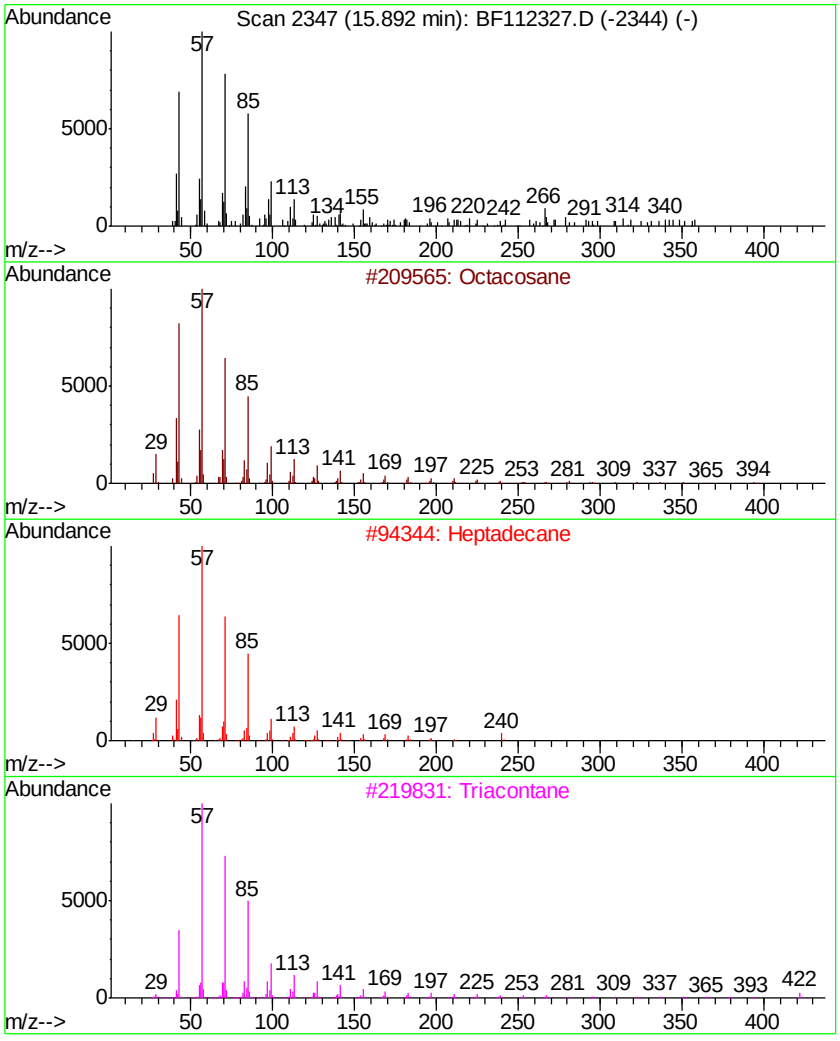
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

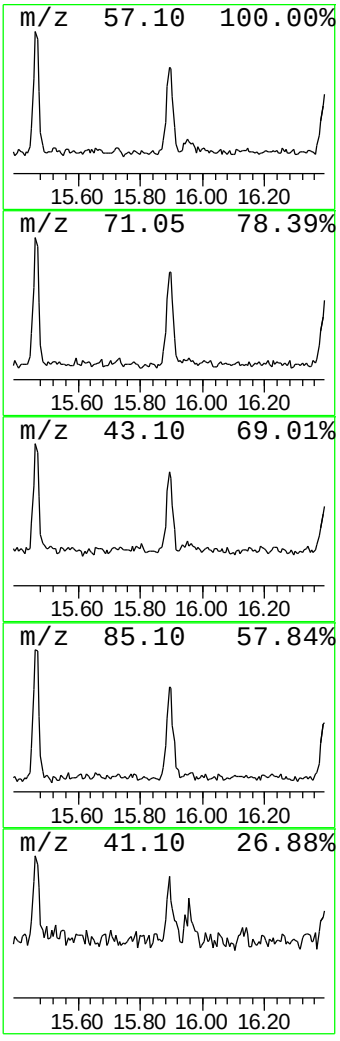
****

Peak Number 9 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.08 ng	122443	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	68
2	Heptadecane	240	C17H36	000629-78-7	68
3	Triacontane	422	C30H62	000638-68-6	68
4	Heneicosane	296	C21H44	000629-94-7	68
5	10-Methylnonadecane	282	C20H42	056862-62-5	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013019\
Data File : BF112327.D
Acq On : 30 Jan 2019 17:46
Operator : JU/SJ
Sample : K1282-25
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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...	2.14	3.6	ng	176011	1	6.84	976293	20.0
2-Pentanone, 4-hy...	5.06	3.6	ng	174669	1	6.84	976293	20.0
unknown6.62	6.62	66.8	ng	3262650	1	6.84	976293	20.0
Anthracene, 2-met...	11.89	3.2	ng	202433	4	11.36	1257410	20.0
1-Octadecene	13.83	4.4	ng	282919	5	14.00	1278720	20.0
Eicosane	15.09	3.6	ng	212960	6	15.47	1178680	20.0
Benzo[e]pyrene	15.34	2.1	ng	125947	6	15.47	1178680	20.0
Octacosane	15.89	2.1	ng	122443	6	15.47	1178680	20.0