LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126314.D
Acq On : 22 Dec 2021 00:25
Operator : JU/CG
Sample : M5179-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-WEST

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126314.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	11	17	rVB	119097	162778	3.54%	0.461%
2	4.551	414	419	423	rBV	54240	60384	1.31%	0.171%
3	5.051	500	504	511	rVB	50669	65121	1.42%	0.184%
4	5.440	564	570	573	rBV	3925146	4387599	95.47%	12.424%
5	6.069	673	677	683	rBV2	39241	52645	1.15%	0.149%
6	6.445	731	741	744	rBV	3782375	4595575	100.00%	13.013%
7	6.557	757	760	765	rBV	37899	46421	1.01%	0.131%
8	6.657	772	777	779	rBV3	62411	71521	1.56%	0.203%
9	6.816	800	804	807	rBV	1369657	1201593	26.15%	3.402%
10	7.375	889	899	903	rBV	2645966	3183301	69.27%	9.014%
11	8.098	1017	1022	1025	rBV	1716093	1658914	36.10%	4.697%
12	8.163	1030	1033	1036	rVB	48608	51456	1.12%	0.146%
13	8.698	1120	1124	1128	rVB	54180	54887	1.19%	0.155%
14	9.175	1199	1205	1216	rBV	4015414	4519453	98.34%	12.798%
15	9.257	1216	1219	1229	rVB2	128981	194004	4.22%	0.549%
16	9.581	1269	1274	1276	rBV4	69714	86163	1.87%	0.244%
17	9.792	1307	1310	1314	rVB2	53393	58567	1.27%	0.166%
18	9.851	1314	1320	1326	rBV	1789137	1834308	39.91%	5.194%
19	10.122	1361	1366	1368	rBV2	69100	83142	1.81%	0.235%
20	10.263	1387	1390	1392	rBV2	70327	77411	1.68%	0.219%
21	10.416	1410	1416	1419	rBV5	36423	72566	1.58%	0.205%
22	10.510	1428	1432	1438	rBV2	45644	71282	1.55%	0.202%
23	10.639	1449	1454	1462	rBV	2530607	2882740	62.73%	8.163%
24	10.763	1473	1475	1479	rBV4	52666	71977	1.57%	0.204%
25	11.104	1528	1533	1534	rBV2	46290	56808	1.24%	0.161%
26	11.298	1563	1566	1569	rBV2	111532	109253	2.38%	0.309%
27	11.339	1569	1573	1579	rVV	1770862	1736672	37.79%	4.918%
28	11.386	1579	1581	1587	rVB3	49500	75346	1.64%	0.213%
29	11.504	1599	1601	1604	rBV	94085	87151	1.90%	0.247%
30	11.804	1649	1652	1657	rBV	47310	72212	1.57%	0.204%
31	11.869	1660	1663	1666	rVV2	65759	69657	1.52%	0.197%
32	11.904	1666	1669	1672	rVB	155783	143325	3.12%	0.406%
33	12.321	1737	1740	1745	rVB	105544	107473	2.34%	0.304%
34	12.374	1746	1749	1754	rBV	134206	139581	3.04%	0.395%
35	12.721	1805	1808	1811	rBV	98862	79950	1.74%	0.226%
36	12.751	1811	1813	1817	rBV2	51334	55649	1.21%	0.158%

LSC Area Percent Report

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Acq On : 22 Dec 2021 00:25
Operator : JU/CG
Sample : M5179-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-WEST

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.927	1838	1843	1846	rBV	3556956	3535245	76.93%	10.011%
38	13.545	1945	1948	1951	rVB	58924	49525	1.08%	0.140%
39	13.580	1951	1954	1958	rVB	72756	69668	1.52%	0.197%
40	13.974	2016	2021	2030	rVB2	1352526	1657874	36.08%	4.695%
41	14.068	2032	2037	2048	rVB	337356	428554	9.33%	1.214%
42	14.833	2163	2167	2171	rVB	213622	219614	4.78%	0.622%
43	15.315	2247	2249	2259	rVB6	63453	81557	1.77%	0.231%
44	15.421	2262	2267	2273	rBV	743004	996089	21.67%	2.821%

Sum of corrected areas: 35315011

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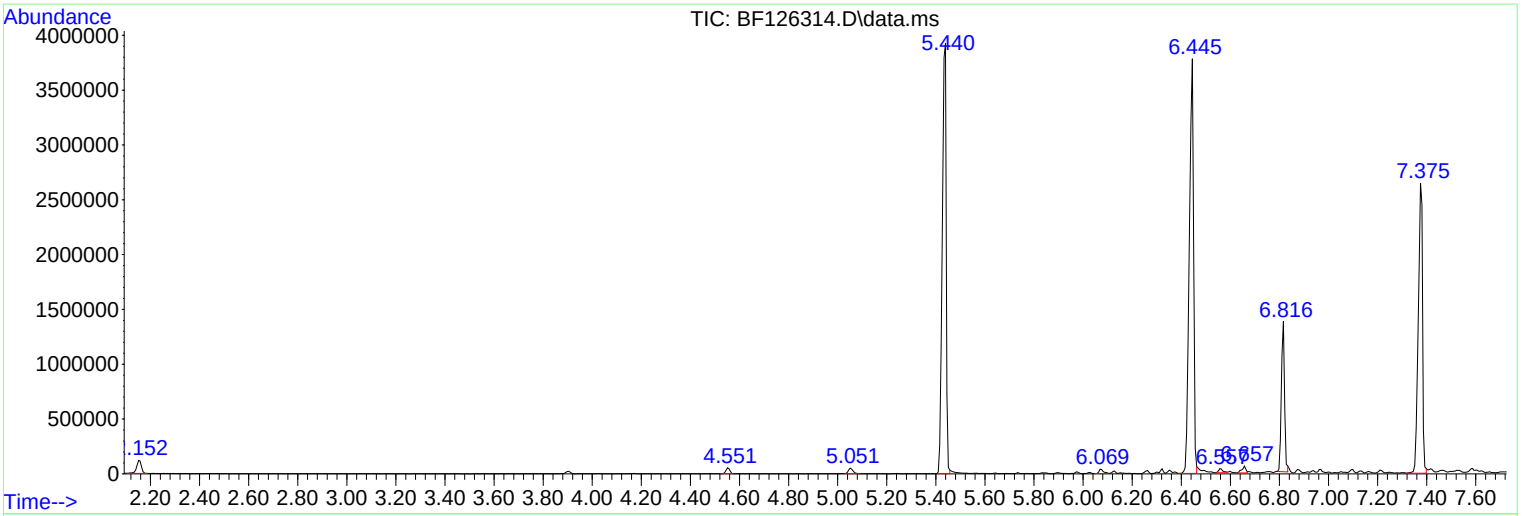
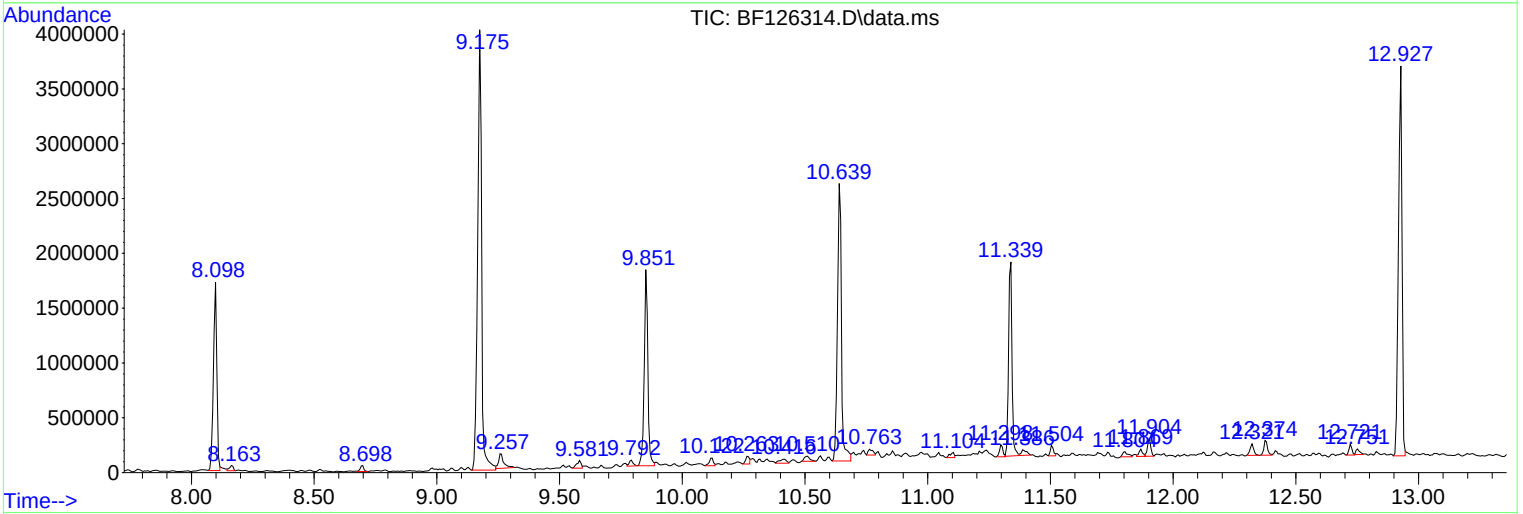
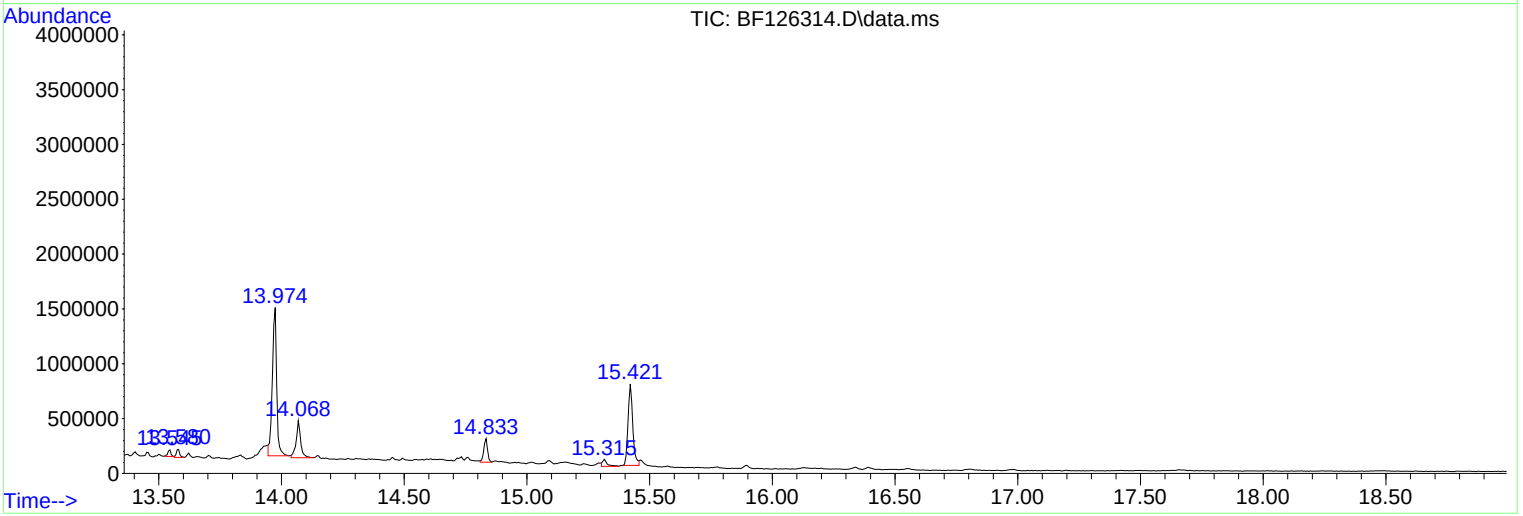
ClientSampleId :
POST-EXCAVATION-BOTTOM-WEST

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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TIC Library : C:\Database\NIST20.L
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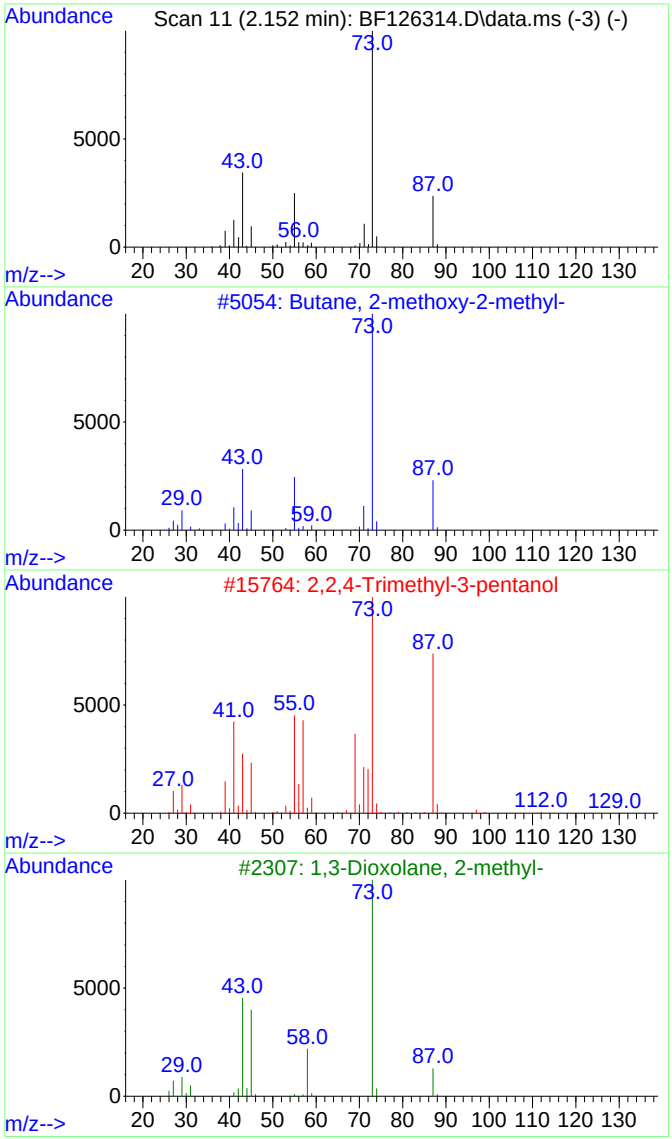
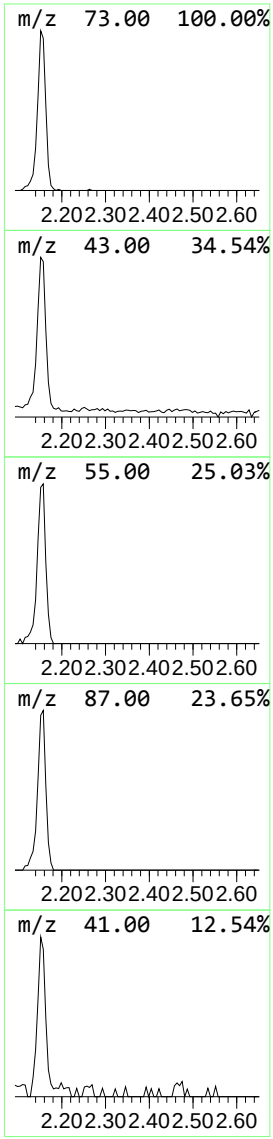
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	2.71 ng	162778	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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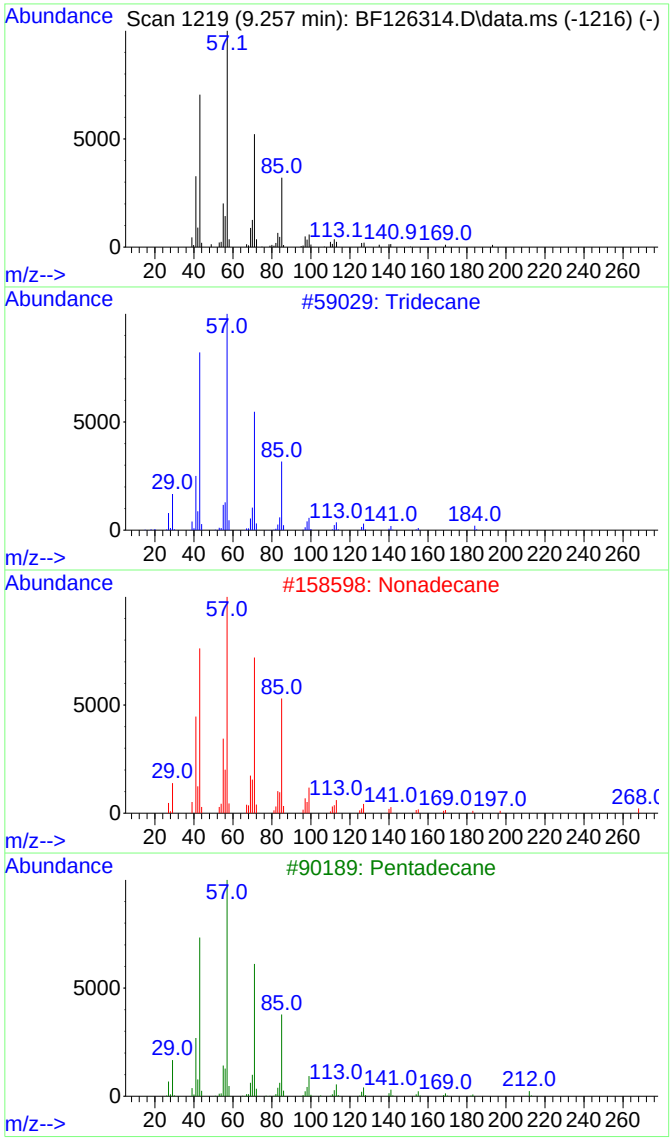
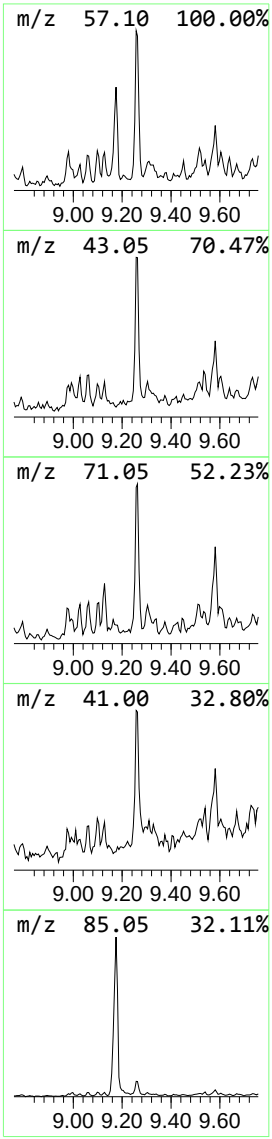
Peak Number 2 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	2.12 ng	194004	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Nonadecane	268	C19H40	000629-92-5	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	80





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-WEST

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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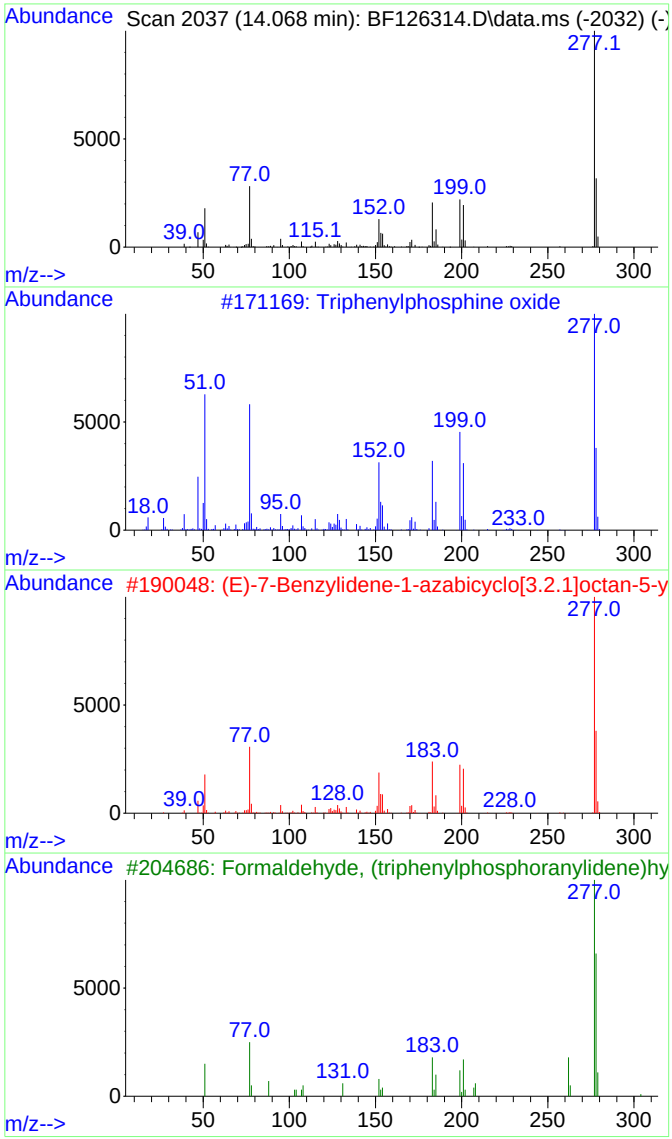
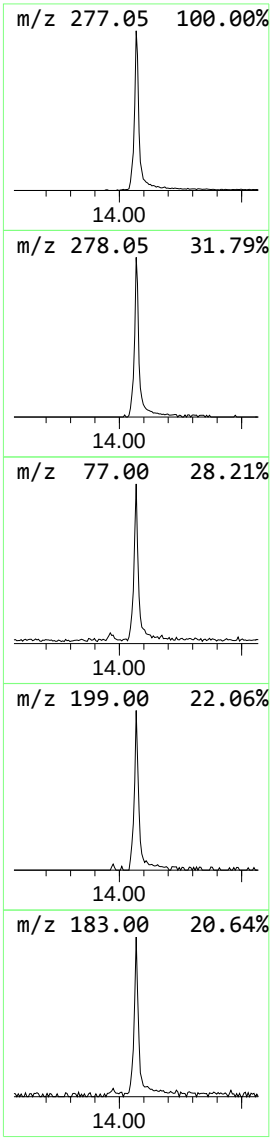
Peak Number 3 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	5.17 ng	428554	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	94
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
4	Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	38
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	23





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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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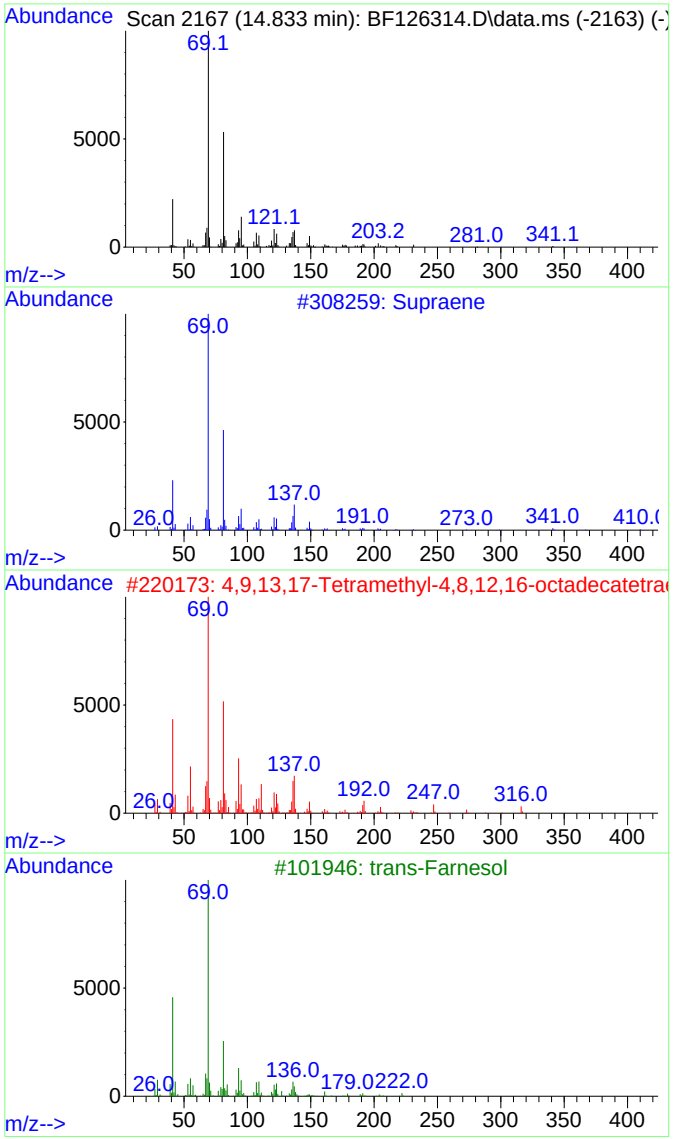
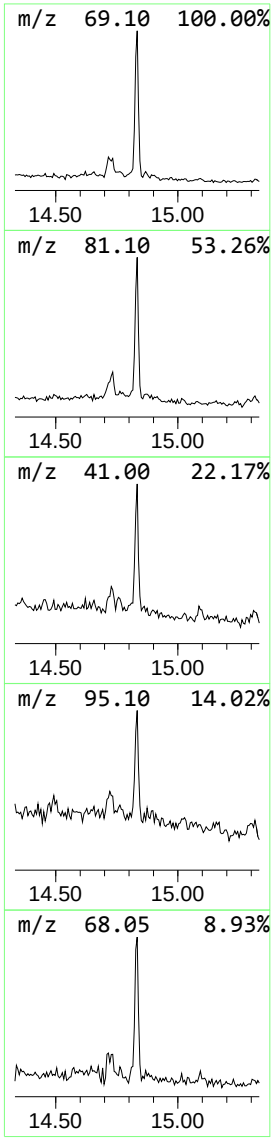
Peak Number 4 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	4.41 ng	219614	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
3	trans-Farnesol	222	C15H26O	000106-28-5	78
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	78
5	Propanoic acid, 2,2-dimethyl-, [...	306	C20H34O2	1000164-38-8	72





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.152	2.7	ng	162778	1	6.816	1201590	20.0
Tridecane	9.257	2.1	ng	194004	3	9.851	1834310	20.0
Triphenylphosph...	14.068	5.2	ng	428554	5	13.974	1657870	20.0
Supraene	14.833	4.4	ng	219614	6	15.421	996089	20.0